CROPS RESEARCH

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Results of 1963

REGIONAL COTTON VARIETY TESTS

by Cooperating Agricultural Experiment Stations

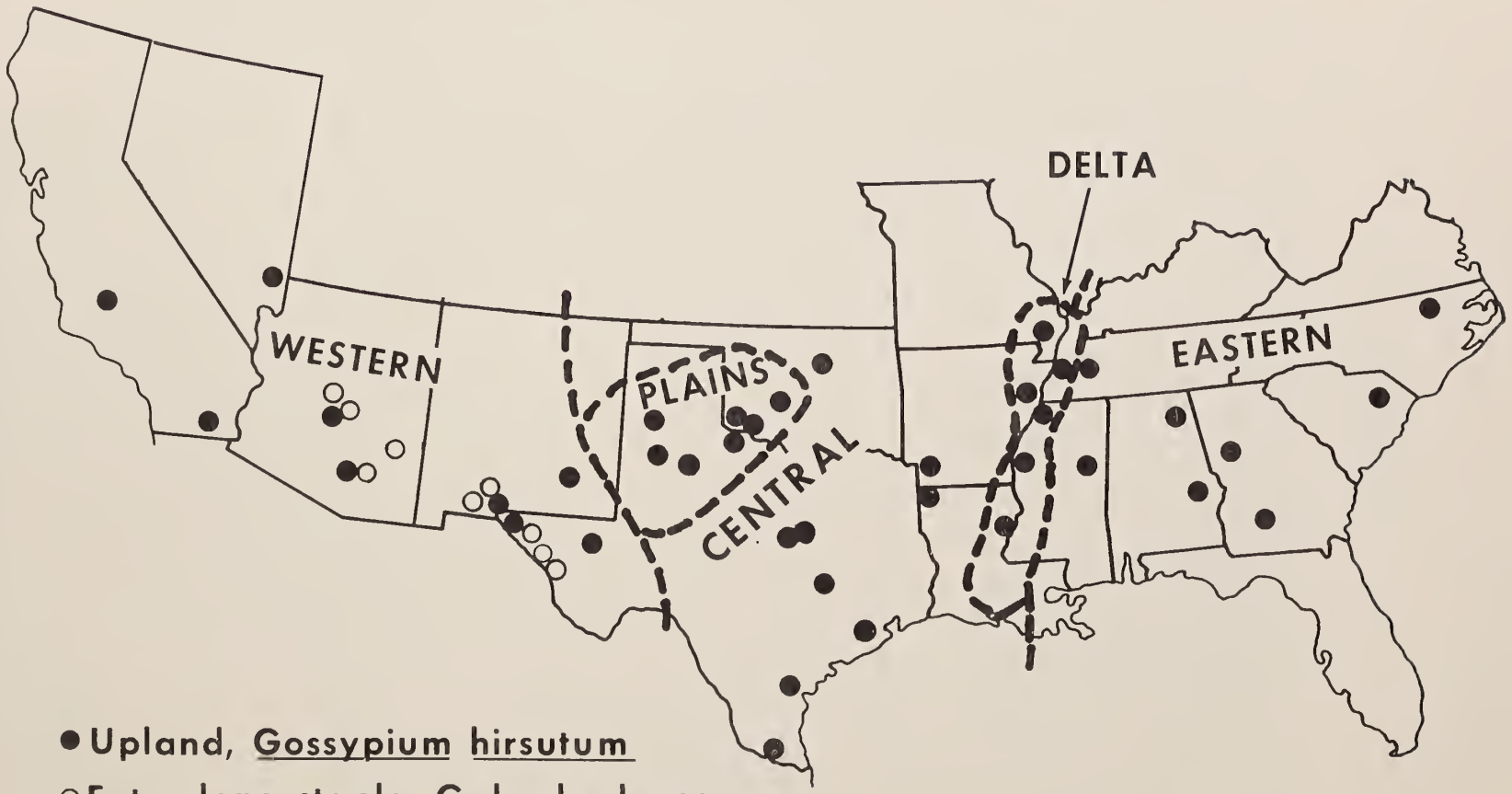
Alabama
Arizona
Arkansas
California
Georgia
Louisiana
Mississippi
Missouri
Nevada
New Mexico
North Carolina
Oklahoma
South Carolina
Tennessee
Texas

Agricultural Research Service
U.S. DEPARTMENT OF AGRICULTURE

CONTENTS

Prepared in
Cotton and Cordage Fibers Research Branch
Crops Research Division
Agricultural Research Service
U.S. Department of Agriculture

REGIONAL COTTON VARIETY TESTING PROGRAMS



RESULTS OF 1963 REGIONAL COTTON VARIETY TESTS [1/]

by Cooperating Agricultural Experiment Stations:

Alabama	Nevada
Arizona	New Mexico
Arkansas	North Carolina
California	Oklahoma
Georgia	South Carolina
Louisiana	Tennessee
Mississippi	Texas
Missouri	

The Regional Cotton Variety Testing program developed from considerations of the Joint Cotton Breeding Policy Committee and plans of the National Cotton Variety Testing Committee.[2/] It is made possible by the cooperative efforts of 15 State agricultural experiment stations and the Agricultural Research Service, U.S. Department of Agriculture. Results for the first three years were reported in ARS 34-30, ARS 34-43, and ARS 34-60 for 1960, 1961, and 1962, respectively. The present report, ARS 34-68, covers the 1963 season.

In the first 3-year cycle of testing, 1960-1962, Acala 4-42, Lankart 57, Deltapine 15, and Coker 100A were the national standards and were planted at all locations in all regions. For the second 3-year cycle, 1963-1965, Auburn 56, Deltapine Smooth Leaf, and Stoneville 7A were chosen as the national standards. Within each region, the cooperators annually select a group of regional standard varieties that will be common to all of the tests within the region for the particular year. Each station may enter optional varieties of local interest, but only data from the national and regional standards are included in this report.

All the varieties tested were grown to obtain experimental data and their selection as national or regional standards does not constitute endorsement by the U.S. Department of Agriculture or the cooperating State agricultural experiment stations.

REGIONS AND LOCATIONS

Five regional cotton variety tests have been organized for testing upland cotton, and one region for testing the extra-long staple Pima cottons.

The regions and participating stations during the 1963 season are listed; the map shows the geographic locations of the tests. Each season unfavorable weather and other circumstances cause tests at certain locations to be lost. In 1963 no data were reported from tests at Tifton, Ga., and Brownfield, Spur, Chillicothe (dryland), and Pecos, Tex. Occasionally, yield data are not reliable enough to be reported but fiber and spinning data are obtainable. This was the situation at Weslaco, Tex., in 1963.

Combed yarn tests were made at the Clemson Spinning Laboratory on samples from three locations of the Extra-long Staple Regional Variety Test. Pima cottons are commonly spun into combed yarns. The fiber and spinning data obtained from these combed yarn tests are given in addition to the data obtained at Knoxville, reported for all the regional tests. The format used in reporting the combed yarn data is the same as that used in annual spinning test reports from 1954 to 1959. The cotton in the combed yarn tests was carded at 4.5 lb./hr., the comber setting was 0.48 inch, and the Twist Multiplier used was 3.60.

1/ Agronomic data and fiber samples were provided by Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, Missouri, Nevada, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee, and Texas. Fiber and spinning data were determined by U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn. Data were analyzed and prepared for publication by C. F. Lewis and T. Kerr, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md.

2/ Since the inception of the program, the membership of the committees has been changed. The committees as now constituted are listed on page 60.

Eastern Regional Cotton Variety Test

Upper Coastal Plain Experiment Station,	Rocky Mount, N.C.
Pee Dee Experiment Station,	Florence, S.C.
Coastal Plain Experiment Station,	Tifton, Ga.
Georgia Agricultural Experiment Station,	Experiment, Ga.
Alabama Agricultural Experiment Station,	Auburn, Ala.
Sand Mountain Substation,	Crossville, Ala.
Mississippi Agricultural Experiment Station,	State College, Miss.
West Tennessee Agricultural Experiment Station,	Jackson, Tenn.

Delta Regional Cotton Variety Test

Delta Branch Experiment Station,	Stoneville, Miss.
Outlying test,	Tunica, Miss.
Northeast Louisiana Experiment Station,	St. Joseph, La.
Arkansas-Delta Substation,	Clarkedale, Ark.
Delta Center,	Portageville, Mo.
West Tennessee Experiment Station	
Lauderdale County,	Fort Pillow, Tenn.

Central Regional Cotton Variety Test

Oklahoma Agricultural Experiment Station,	Stillwater, Okla.
Texas Agricultural Experiment Station,	College Station, Tex.
Texas Agricultural Experiment Station	
Substation No. 1,	Beeville, Tex.
Substation No. 3,	Angleton, Tex.
Substation No. 15,	Weslaco, Tex.
Substation No. 23,	McGregor, Tex.
Southwest Branch Experiment Station,	Hope, Ark.
Red River Valley Experiment Station,	Bossier City, La.

Plains Regional Cotton Variety Test

Texas Agricultural Experiment Station	
Substation No. 7,	Spur, Tex.
Substation No. 8,	Lubbock, Tex.
Substation No. 12,	Chillicothe, Tex.
Substation No. 23,	McGregor, Tex.
High Plains Research Foundation,	Halfway, Tex.
Irrigation Experiment Station,	Altus, Okla.
Sandy Land Research Station,	Mangum, Okla.
Cotton Research Station,	Chickasha, Okla.

Western Regional Cotton Variety Test

U.S. Cotton Research Station,	Shafter, Calif.
Southwestern Irrigation Field Station,	Brawley, Calif.
Southern Nevada Field Station,	Logandale, Nev.
University of Arizona	
Cotton Research Center,	Tempe, Ariz.
Marana Experimental Farm,	Marana, Ariz.
New Mexico Agricultural Experiment Station,	University Park, N. Mex.
Southeastern Substation,	Artesia, N. Mex.
Texas Agricultural Experiment Station	
Substation No. 9, Soils and Crop Unit,	Pecos, Tex.
Substation No. 17, (Ysleta)	El Paso, Tex.

University of Arizona	
Cotton Research Center,	Tempe, Ariz.
Marana Experimental Farm,	Marana, Ariz.
Outlying tests, Curtis Farm,	Safford, Ariz.
Bailey Farm,	Peoria, Ariz.
New Mexico Agricultural Experiment Station	
Outlying tests, Ginther Farm,	University Park, N. Mex.
Rickman Farm,	La Mesa, N. Mex.
Texas Agricultural Experiment Station	
Substation No. 17, (Ysleta)	El Paso, Tex.
Outlying tests, Maros Farm,	Fabens, Tex.
Hoover Farm,	Tornillo, Tex.

DESIGN AND ANALYSIS

Data for the Regional Cotton Variety Tests are drawn from selected locations involved in the variety testing programs of 15 State agricultural experiment stations. For this reason, details of design, plot size, cultural practices, number of entries, and sampling methods were left to the discretion of the participating stations. While these details were not rigidly standardized, all tests were conducted by experienced personnel using sound experimental designs and procedures.

The operations and measurements required for the development of data on yield and such other agronomic characters as boll size and lint percentage were performed by personnel at the cooperating stations. Fiber samples were sent to the U.S. Cotton Fiber and Spinning Laboratories, Knoxville, Tenn., where fiber and spinning tests were made. All data were assembled in the Cotton and Cordage Fibers Research Branch, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md., and analyzed with electronic computers by Biometrical Services of the ARS.

The number of replications for yield data ranged from four to eight, but a great majority of tests had six replications from each variety at all stations. Boll, seed, fiber, and spinning data were based on two replications from each variety at all stations. A randomized block analysis was employed, although some tests were planted in lattice designs. Separation of means was by Duncan's multiple range method at the 0.05 level of probability.

EXPLANATION OF TABLE HEADINGS AND SYMBOLS

Yield	The mean production of the plots harvested, expressed in pounds of lint per acre.
Boll Size	(a) Average weight, in grams, per boll of seed cotton.
	(b) The number of bolls of seed cotton required to weigh 1 pound.
Lint %	The weight of lint ginned from a sample of seed cotton, expressed as a percentage of the weight of seed cotton.
Seed Index	The weight of 100 seed, in grams.
Span Length 50%	Length measured automatically on the digital fibrograph; equivalent to a length that 50% of the fibers in a cross section of roving could span.

Span Length 2.5%	Length measured automatically on the digital fibrograph; equivalent to a length that only 2.5% of the fibers in a cross section of roving could span. The 2.5% span length is closely related to classer's staple.
22's	The yarn strength of 22's (actually 27 tex) as determined from a small scale (50g.) test.
Ginned Lint (Length)	Length measured on the Servo Fibrograph from samples composed of random pinches taken directly out of the ginned lint.
UHM (Upper Half Mean)	The length, in inches, of the half of the fibers, by weight, that contains the longer fibers. Values for UHM approximate classer's staple.
Mean	The average length, in inches, of all fibers longer than 1/4 inch.
Micronaire	The fineness of the sample taken from the ginned lint measured by the Micronaire and expressed in standard (curvilinear scale) Micronaire units.
Drawing Sliver (Length)	Length measured on the Servo Fibrograph from samples taken from the second drawing sliver. Definitions of UHM and Mean are given under "Ginned Lint (Length)".
T_o	The fiber strength of a bundle of fibers measured on the Stelometer with the two jaws holding the fiber bundle tightly appressed. Strength is expressed in terms of grams per grex.
T_1	The fiber strength of a bundle of fibers measured on the Stelometer with two jaws holding the fiber bundle separated by a 1/8 inch spacer. Strength is expressed in terms of grams per grex.
E_1	The percentage elongation at break of the center 1/8 inch of the fiber bundle measured for T_1 strength on the Stelometer.
Arealometer Measurements	
A	"A" is a measure of the external surface area of the fibers of a given volume of fibrous material, expressed in terms of square millimeters per cubic millimeter of fibrous material.
D	Difference between the value of the specific area determined at high pressure (A_H) and the value of the specific area determined at standard pressure (the "A" measured above). "D" is presumably a measure of the flatness of the fiber ribbon; i.e., the higher the "D" value, the more ribbonlike are the fibers.
Letters Following Means	Means followed by the same letter cannot be considered significantly different at the 0.05 level of probability.

TEST RESULTS

The test results are presented in a series of tables designed to furnish reliable information on the performance of cotton varieties in experimental tests across the United States in 1963. No interpretation of these data, other than the indication of significant difference among means based on the analysis of variance, is presented in this publication.

In the summary of data for individual stations, the varieties are arranged in descending order of yield of lint per acre. Analysis of variance of yield was calculated for each individual station.

In the regional summaries, each character is ranked separately in descending order and the significant difference among means is indicated. For easy examination, the mean performance of a variety for all measurements was retabulated into a single table for each region.

The mean performance of the stations, within each region, is also presented.

Measurements from the digital fibrograph are given in this (1963) report for the first time in the series. Digital measurements, it is anticipated, will replace the servo-fibrograph measurements of UHM and mean length on the ginned lint in future reports. Both ginned-lint measures of length are given in the issue so that the reader may be able to compare results of the two methods of measuring length.

The test results for previous issues of the series were collected and typed prior to photo-processing. In preparation for this issue the 1963 statistical material was printed out into tabular form by the computer prior to the photo-processing. The elimination of typing not only represents a time and cost savings but eliminates a source of error.

1963 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
CAROLINA QUEEN	957 A	6.66	68	39.1	11.5	0.53	1.14	121
AUBURN 56	923 AB	6.69	68	36.6	11.9	.52	1.10	118
STONEVILLE 213	884 BC	6.26	73	39.2	10.9	.52	1.10	118
COKER 100A	874 BC	6.52	70	38.3	11.3	.54	1.16	122
REX SMOOTHLEAF	869 BC	7.34	62	37.8	12.8	.52	1.12	116
DIXIE KING	868 BC	7.84	58	37.8	12.8	.53	1.11	119
DEKALB 108	853 BCD	6.99	65	37.2	12.0	.53	1.12	119
EMPIRE WR-61	837 CD	8.09	56	37.6	13.7	.51	1.12	122
STONEVILLE 7A	834 CD	6.17	74	38.9	11.0	.53	1.13	118
DELTAPINE S.L.	793 D	5.91	77	38.8	10.4	.53	1.12	125

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
ROCKY MT. N. C.	1075	7.16	64	37.0	12.9	0.56	1.18	127
SAND MT. ALA.	962	7.02	65	41.2	11.6	.52	1.07	113
FLORENCE S. C.	862	7.17	64	38.1	12.7	.54	1.15	125
JACKSON, TENN.	848	6.37	72	38.7	10.2	.49	1.04	118
AUBURN, ALA.	828	6.33	72	36.9	11.8	.52	1.13	116
EXPERIMENT, GA.	757	6.82	67	38.3	11.1	.52	1.12	117
ST. COL., MISS.	753	7.06	65	36.8	12.4	.54	1.16	122

BOLL SIZE, GRAMS PER BOLL		BOLL SIZE, NO. PER POUND		LINT PER CENT	
EMPIRE WR-61	8.09 A	DELTAPINE S.L.	77 A	STONEVILLE 213	39.2 A
DIXIE KING	7.84 B	STONEVILLE 7A	74 B	CAROLINA QUEEN	39.1 A
REX SMOOTHLEAF	7.34 C	STONEVILLE 213	73 B	STONEVILLE 7A	38.9 A
DEKALB 108	6.99 D	COKER 100A	70 C	DELTAPINE S.L.	38.8 A
AUBURN 56	6.69 E	CAROLINA QUEEN	68 D	COKER 100A	38.3 AB
CAROLINA QUEEN	6.66 E	AUBURN 56	68 D	REX SMOOTHLEAF	37.8 BC
COKER 100A	6.52 E	DEKALB 108	65 E	DIXIE KING	37.8 BC
STONEVILLE 213	6.26 F	REX SMOOTHLEAF	62 F	EMPIRE WR-61	37.6 BC
STONEVILLE 7A	6.17 F	DIXIE KING	58 G	DEKALB 108	37.2 CD
DELTAPINE S.L.	5.91 G	EMPIRE WR-61	56 H	AUBURN 56	36.6 D

1963 EASTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
CAROLINA QUEEN	1.14	0.99	4.68	1.15	0.95	3.59	1.83	7.2	453	39
AUBURN 56	1.09	.94	4.43	1.10	.91	3.46	1.80	8.3	467	43
STONEVILLE 213	1.11	.96	4.85	1.13	.94	3.52	1.85	8.1	444	34
COKER 100A	1.14	.97	4.59	1.17	.95	3.53	1.80	7.6	458	40
REX SMOOTHLEAF	1.12	.96	4.09	1.13	.92	3.48	1.79	7.7	480	44
DIXIE KING	1.09	.94	4.38	1.13	.92	3.76	1.85	6.8	462	37
DEKALB 108	1.11	.95	4.34	1.12	.92	3.57	1.82	7.4	474	42
EMPIRE WR-61	1.11	.95	4.14	1.14	.91	3.70	1.80	6.8	475	44
STONEVILLE 7A	1.12	.96	4.91	1.14	.93	3.73	1.81	7.1	432	31
DELTAPINE S.L.	1.11	.96	4.54	1.13	.93	3.51	1.92	9.4	458	35

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
ROCKY MT. N. C.	1.18	1.02	4.39	1.19	0.99	3.59	1.81	07.4	473	43
SAND MT. ALA.	1.05	.91	4.84	1.11	.91	3.43	1.76	8.0	439	33
FLORENCE S. C.	1.15	1.00	4.84	1.15	.93	3.58	1.87	7.9	437	33
JACKSON, TENN.	1.03	.87	4.68	1.08	.88	3.86	1.89	6.8	449	33
AUBURN, ALA.	1.12	.95	4.13	1.13	.91	3.48	1.84	7.7	479	43
EXPERIMENT, GA.	1.11	.96	4.44	1.11	.88	3.61	1.84	8.5	461	41
ST. COL., MISS.	1.15	.99	4.15	1.17	.97	3.55	1.79	7.2	485	45

SEED INDEX			SPAN LENGTH, 50 PER CENT			SPAN LENGTH, 2.5 PER CENT		
EMPIRE WR-61	13.7	A	COKER 100A	0.54	A	COKER 100A	1.16	A
REX SMOOTHLEAF	12.8	B	DEKALB 108	.53	AB	CAROLINA QUEEN	1.14	AB
DIXIE KING	12.8	B	CAROLINA QUEEN	.53	AB	STONEVILLE 7A	1.13	BC
DEKALB 108	12.0	C	STONEVILLE 7A	.53	AB	REX SMOOTHLEAF	1.12	BCD
AUBURN 56	11.9	C	DIXIE KING	.53	AB	DEKALB 108	1.12	BCD
CAROLINA QUEEN	11.5	D	DELTAPINE S.L.	.53	AB	EMPIRE WR-61	1.12	BCD
COKER 100A	11.3	DE	STONEVILLE 213	.52	BC	DELTAPINE S.L.	1.12	BCD
STONEVILLE 7A	11.0	EF	REX SMOOTHLEAF	.52	BC	DIXIE KING	1.11	CD
STONEVILLE 213	10.9	F	AUBURN 56	.52	BC	STONEVILLE 213	1.10	D
DELTAPINE S.L.	10.4	G	EMPIRE WR-61	.51	C	AUBURN 56	1.10	D

22'S

DELTAPINE S.L.	125	A
EMPIRE WR-61	122	AB
COKER 100A	122	AB
CAROLINA QUEEN	121	AB
DEKALB 108	119	BC
DIXIE KING	119	BC
STONEVILLE 213	118	BC
STONEVILLE 7A	118	BC
AUBURN 56	118	BC
REX SMOOTHLEAF	116	C

GINNED LINT, UHM

CAROLINA QUEEN	1.14	A
COKER 100A	1.14	A
REX SMOOTHLEAF	1.12	AB
STONEVILLE 7A	1.12	AB
STONEVILLE 213	1.11	BC
DEKALB 108	1.11	BC
EMPIRE WR-61	1.11	BC
DELTAPINE S.L.	1.11	BC
DIXIE KING	1.09	C
AUBURN 56	1.09	C

GINNED LINT, MEAN

CAROLINA QUEEN	0.99	A
COKER 100A	.97	AB
STONEVILLE 213	.96	BC
REX SMOOTHLEAF	.96	BC
STONEVILLE 7A	.96	BC
DELTAPINE S.L.	.96	BC
DEKALB 108	.95	BC
EMPIRE WR-61	.95	BC
DIXIE KING	.94	C
AUBURN 56	.94	C

MICRONAIRE

STONEVILLE 7A	4.91	A
STONEVILLE 213	4.85	A
CAROLINA QUEEN	4.68	B
COKER 100A	4.59	B
DELTAPINE S.L.	4.54	BC
AUBURN 56	4.43	CD
DIXIE KING	4.38	D
DEKALB 108	4.34	D
EMPIRE WR-61	4.14	E
REX SMOOTHLEAF	4.09	E

DRAWING SLIVER, UHM

COKER 100A	1.17	A
CAROLINA QUEEN	1.15	B
STONEVILLE 7A	1.14	BC
EMPIRE WR-61	1.14	BC
STONEVILLE 213	1.13	BC
REX SMOOTHLEAF	1.13	BC
DIXIE KING	1.13	BC
DELTAPINE S.L.	1.13	BC
DEKALB 108	1.12	C
AUBURN 56	1.10	D

DRAWING SLIVER, MEAN

CAROLINA QUEEN	0.95	A
COKER 100A	.95	A
STONEVILLE 213	.94	AB
STONEVILLE 7A	.93	ABC
DELTAPINE S.L.	.93	ABC
REX SMOOTHLEAF	.92	BC
DEKALB 108	.92	BC
DIXIE KING	.92	BC
EMPIRE WR-61	.91	C
AUBURN 56	.91	C

T0

DIXIE KING	3.76	A
STONEVILLE 7A	3.73	A
EMPIRE WR-61	3.70	A
CAROLINA QUEEN	3.59	B
DEKALB 108	3.57	B
COKER 100A	3.53	BC
STONEVILLE 213	3.52	BC
DELTAPINE S.L.	3.51	BC
REX SMOOTHLEAF	3.48	C
AUBURN 56	3.46	C

T1

DELTAPINE S.L.	1.92	A
STONEVILLE 213	1.85	B
DIXIE KING	1.85	B
CAROLINA QUEEN	1.83	BC
DEKALB 108	1.82	BC
STONEVILLE 7A	1.81	BC
EMPIRE WR-61	1.80	C
COKER 100A	1.80	C
AUBURN 56	1.80	C
REX SMOOTHLEAF	1.79	C

E1

DELTAPINE S.L.	9.4	A
AUBURN 56	8.3	B
STONEVILLE 213	8.1	B
REX SMOOTHLEAF	7.7	C
COKER 100A	7.6	C
DEKALB 108	7.4	CD
CAROLINA QUEEN	7.2	D
STONEVILLE 7A	7.1	DE
EMPIRE WR-61	6.8	E
DIXIE KING	6.8	E

A

REX SMOOTHLEAF	480	A
EMPIRE WR-61	475	AB
DEKALB 108	474	ABC
AUBURN 56	467	BCD
DIXIE KING	462	CDE
DELTAPINE S.L.	458	DE
COKER 100A	458	DE
CAROLINA QUEEN	453	EF
STONEVILLE 213	444	F
STONEVILLE 7A	432	G

D

REX SMOOTHLEAF	44	A
EMPIRE WR-61	44	A
AUBURN 56	43	AB
DEKALB 108	42	AB
COKER 100A	40	ABC
CAROLINA QUEEN	39	BCD
DIXIE KING	37	CDE
DELTAPINE S.L.	35	DEF
STONEVILLE 213	34	EF
STONEVILLE 7A	31	F

1963 EASTERN REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

JACKSON, TENNESSEE

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
CAROLINA QUEEN	955	A	6.40	71	39.8	09.9	0.49	1.03	119
STONEVILLE 213	904	AB	5.73	79	41.2	8.8	.47	1.00	117
COKER 100A	888	ABC	6.10	74	39.0	9.4	.51	1.10	122
STONEVILLE 7A	869	ABC	5.69	80	40.6	9.3	.48	1.04	115
REX SMOOTHLEAF	837	BC	6.89	66	38.4	0.8	.49	1.04	111
DIXIE KING	834	BC	7.35	62	37.7	11.0	.50	1.05	114
EMPIRE WR-61	804	BC	7.38	62	38.1	12.4	.45	1.04	120
DEKALB 108	797	BC	6.42	71	37.7	10.2	.49	1.02	118
AUBURN 56	797	BC	6.22	73	36.3	10.8	.48	1.03	119
DELTAPINE S.L.	791	C	5.58	82	38.8	9.3	.52	1.07	130

STATE COLLEGE, MISSISSIPPI

CAROLINA QUEEN	811	A	7.06	64	38.0	12.5	0.56	1.21	122
AUBURN 56	810	A	6.91	66	36.6	11.6	.53	1.12	118
DIXIE KING	805	A	8.06	56	37.1	13.1	.53	1.15	125
REX SMOOTHLEAF	792	A	7.38	62	37.4	13.4	.54	1.16	122
DEKALB 108	730	A	7.27	62	36.1	12.6	.55	1.15	120
STONEVILLE 213	726	A	6.30	72	36.4	11.2	.53	1.13	120
DELTAPINE S.L.	723	A	6.01	76	38.3	11.0	.55	1.17	133
COKER 100A	721	A	6.96	66	37.4	12.3	.58	1.21	121
EMPIRE WR-61	713	A	8.34	55	36.0	14.6	.52	1.14	125
STONEVILLE 7A	697	A	6.36	72	34.4	11.5	.55	1.17	116

SAND MOUNTAIN, ALABAMA

STONEVILLE 213	1057	A	6.33	72	42.7	10.9	0.52	1.05	105
AUBURN 56	1019	AB	6.90	66	39.2	12.0	.50	1.03	118
CAROLINA QUEEN	1008	AB	6.80	67	42.0	11.1	.54	1.11	114
COKER 100A	1007	AB	6.45	71	42.3	10.7	.50	1.07	115
STONEVILLE 7A	993	AB	6.22	73	43.1	10.6	.54	1.08	105
EMPIRE WR-61	966	AB	8.35	54	39.7	13.6	.51	1.09	119
DIXIE KING	965	AB	8.10	56	40.9	12.8	.52	1.06	114
DEKALB 108	929	BC	7.10	64	40.3	11.7	.53	1.08	113
REX SMOOTHLEAF	857	CD	7.94	57	40.3	12.6	.50	1.06	108
DELTAPINE S.L.	818	D	6.01	76	41.6	10.2	.52	1.09	116

AUBURN, ALABAMA

CAROLINA QUEEN	946	A	5.97	77	38.4	11.1	0.49	1.13	115
AUBURN 56	946	A	6.17	74	35.7	11.8	.52	1.10	114
DEKALB 108	851	AB	6.51	70	35.9	11.9	.50	1.12	114
STONEVILLE 213	829	AB	6.10	74	37.9	11.3	.54	1.13	119
STONEVILLE 7A	828	AB	5.83	78	37.8	11.2	.54	1.14	118
DELTAPINE S.L.	800	AB	5.72	80	37.3	10.5	.54	1.15	120
COKER 100A	796	AB	5.92	77	37.2	11.1	.53	1.16	117
DIXIE KING	791	AB	7.22	63	35.9	13.0	.52	1.11	119
REX SMOOTHLEAF	755	B	6.42	71	36.1	12.7	.52	1.13	112
EMPIRE WR-61	735	B	7.47	61	36.8	13.7	.51	1.13	117

JACKSON, TENNESSEE

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
CAROLINA QUEEN	1.06	0.91	4.99	1.09	0.90	3.90	1.89	6.6	436	29
STONEVILLE 213	1.01	.87	5.11	1.05	.86	3.79	1.98	7.0	425	26
COKER 100A	1.06	.88	4.63	1.14	.95	3.78	1.86	6.9	460	34
STONEVILLE 7A	1.03	.86	4.99	1.08	.88	3.93	1.84	6.2	425	28
REX SMOOTHLEAF	1.02	.87	4.17	1.06	.85	3.70	1.79	7.1	468	40
DIXIE KING	1.03	.86	4.54	1.08	.89	4.01	1.85	5.9	448	37
EMPIRE WR-61	1.01	.83	4.46	1.07	.87	4.00	1.85	5.7	462	33
DEKALB 108	1.01	.86	4.55	1.04	.85	3.88	1.94	6.5	461	36
AUBURN 56	1.05	.90	4.49	1.08	.90	3.83	1.88	7.3	461	37
DELTAPINE S.L.	1.05	.90	4.91	1.10	.91	3.78	2.04	8.9	442	34

STATE COLLEGE, MISSISSIPPI

CAROLINA QUEEN	1.22	1.05	4.28	1.22	1.00	3.49	1.85	07.4	482	49
AUBURN 56	1.11	.96	4.22	1.12	.95	3.39	1.77	8.1	489	45
DIXIE KING	1.12	.96	3.97	1.15	.95	3.64	1.79	6.5	486	45
REX SMOOTHLEAF	1.16	.98	3.70	1.17	.94	3.49	1.74	6.8	522	50
DEKALB 108	1.14	.95	3.87	1.17	.96	3.52	1.79	6.9	501	49
STONEVILLE 213	1.14	.99	4.52	1.14	1.01	3.53	1.80	7.3	467	43
DELTAPINE S.L.	1.16	1.01	4.24	1.16	.95	3.55	1.88	8.6	490	44
COKER 100A	1.18	1.00	4.38	1.21	1.02	3.48	1.71	7.4	467	45
EMPIRE WR-61	1.14	.97	3.69	1.17	.96	3.79	1.75	6.4	491	53
STONEVILLE 7A	1.16	1.02	4.63	1.17	.98	3.65	1.79	6.8	452	31

SAND MOUNTAIN, ALABAMA

STONEVILLE 213	1.05	0.92	5.14	1.10	0.91	3.34	1.77	9.0	415	26
AUBURN 56	.99	.84	4.91	1.08	.90	3.35	1.76	8.5	456	40
CAROLINA QUEEN	1.08	.94	5.02	1.13	.93	3.38	1.78	7.3	432	36
COKER 100A	1.03	.89	5.07	1.10	.90	3.52	1.76	7.5	428	28
STONEVILLE 7A	1.07	.94	5.15	1.11	.91	3.58	1.74	7.3	413	31
EMPIRE WR-61	1.10	.95	4.44	1.14	.93	3.38	1.69	7.3	465	40
DIXIE KING	1.05	.90	4.74	1.11	.92	3.52	1.78	7.0	448	34
DEKALB 108	1.06	.91	4.69	1.11	.93	3.43	1.74	7.8	449	32
REX SMOOTHLEAF	1.05	.90	4.45	1.10	.90	3.38	1.76	8.1	443	35
DELTAPINE S.L.	1.06	.95	4.78	1.13	.94	3.39	1.86	10.2	444	32

AUBURN, ALABAMA

CAROLINA QUEEN	1.11	0.94	4.33	1.13	0.97	3.52	1.86	7.2	474	43
AUBURN 56	1.10	.95	3.82	1.10	.88	3.36	1.82	8.3	478	51
DEKALB 108	1.11	.95	3.93	1.11	.89	3.50	1.81	7.1	506	48
STONEVILLE 213	1.12	.98	4.54	1.15	.93	3.44	1.89	8.5	445	40
STONEVILLE 7A	1.14	.96	4.51	1.14	.91	3.66	1.89	6.9	455	35
DELTAPINE S.L.	1.14	.96	4.23	1.14	.93	3.36	1.87	9.8	476	37
COKER 100A	1.16	.99	4.16	1.16	.90	3.36	1.81	7.9	490	47
DIXIE KING	1.11	.96	4.06	1.14	.92	3.65	1.85	6.8	482	38
REX SMOOTHLEAF	1.10	.94	3.97	1.14	.93	3.43	1.82	7.7	487	47
EMPIRE WR-61	1.10	.93	3.75	1.13	.90	3.59	1.84	6.9	495	48

EXPERIMENT, GEORGIA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
REX SMOOTHLEAF	918	A	7.49	61	37.7	12.3	0.55	1.15	115
CAROLINA QUEEN	844	B	6.47	70	38.8	10.6	.53	1.13	118
COKER 100A	769	C	6.42	71	37.8	11.0	.52	1.14	116
AUBURN 56	756	C	6.51	70	36.6	11.0	.52	1.10	114
DIXIE KING	737	CD	7.73	59	38.1	12.4	.53	1.12	116
DELTAPINE S.L.	727	CD	5.70	80	38.4	9.4	.52	1.12	117
EMPIRE WR-61	725	CD	8.14	56	38.0	12.6	.54	1.16	120
STONEVILLE 213	721	CD	6.41	71	40.0	10.0	.51	1.11	119
DEKALB 108	704	CD	7.05	65	37.9	11.3	.51	1.13	120
STONEVILLE 7A	672	D	6.28	73	40.0	10.2	.53	1.12	118

FLORENCE, SOUTH CAROLINA

AUBURN 56	1047	A	7.22	63	37.1	12.7	0.53	1.13	121
CAROLINA QUEEN	974	AB	7.08	64	39.3	12.5	.56	1.17	129
COKER 100A	925	ABC	6.88	66	38.0	12.0	.57	1.20	131
DEKALB 108	891	BC	7.27	63	37.1	13.1	.55	1.16	124
REX SMOOTHLEAF	882	BC	7.41	61	37.6	13.7	.55	1.15	120
DIXIE KING	861	BCD	8.32	55	37.6	14.1	.53	1.14	127
EMPIRE WR-61	858	BCD	8.21	55	37.8	14.4	.52	1.13	127
STONEVILLE 213	823	CD	6.66	68	38.5	12.0	.55	1.15	116
STONEVILLE 7A	727	DE	6.46	70	39.3	11.8	.55	1.16	131
DELTAPINE S.L.	631	E	6.16	74	39.0	11.1	.55	1.14	127

ROCKY MOUNT, NORTH CAROLINA

CAROLINA QUEEN	1164	A	6.86	67	37.8	12.8	0.58	1.20	130
STONEVILLE 213	1126	AB	6.28	72	38.0	12.3	.57	1.18	130
DIXIE KING	1086	BC	8.11	56	37.5	13.0	.56	1.15	121
AUBURN 56	1083	BC	6.93	66	34.8	13.3	.54	1.18	125
DEKALB 108	1072	BC	7.32	62	35.7	13.2	.57	1.18	122
DELTAPINE S.L.	1059	BC	6.20	74	38.0	11.3	.54	1.14	134
EMPIRE WR-61	1056	BC	8.76	52	37.2	14.9	.54	1.18	129
STONEVILLE 7A	1051	C	6.39	71	37.6	12.3	.56	1.18	121
REX SMOOTHLEAF	1044	C	7.86	58	37.1	14.0	.52	1.15	127
COKER 100A	1014	C	6.93	66	36.3	12.6	.60	1.24	132

1963 EASTERN REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

EXPERIMENT, GEORGIA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
REX SMOOTHLEAF	1.15	1.01	4.12	1.12	0.87	3.44	1.80	08.8	483	51
CAROLINA QUEEN	1.12	.98	4.59	1.12	.88	3.59	1.80	8.3	455	44
COKER 100A	1.15	.98	4.66	1.14	.90	3.47	1.80	8.6	455	46
AUBURN 56	1.07	.93	4.35	1.08	.89	3.38	1.81	9.2	467	39
DIXIE KING	1.10	.94	4.36	1.11	.88	3.96	1.89	7.4	470	32
DELTAPINE S.L.	1.10	.94	4.28	1.10	.87	3.54	1.95	10.1	454	37
EMPIRE WR-61	1.13	.98	3.96	1.12	.86	3.71	1.80	7.7	489	49
STONEVILLE 213	1.11	.95	4.73	1.10	.88	3.51	1.81	8.8	438	36
DEKALB 108	1.11	.97	4.34	1.11	.87	3.60	1.86	8.5	476	44
STONEVILLE 7A	1.12	.98	5.06	1.12	.87	3.89	1.86	8.0	429	31

FLORENCE, SOUTH CAROLINA

AUBURN 56	1.14	0.99	5.00	1.11	0.90	3.46	1.80	08.3	438	35
CAROLINA QUEEN	1.19	1.04	5.13	1.19	.96	3.66	1.88	7.1	425	32
COKER 100A	1.18	1.03	4.83	1.19	.94	3.54	1.87	7.7	444	37
DEKALB 108	1.16	1.00	4.78	1.16	.93	3.58	1.88	7.7	445	35
REX SMOOTHLEAF	1.17	1.01	4.04	1.16	.95	3.37	1.81	8.6	481	44
DIXIE KING	1.11	.95	4.75	1.14	.91	3.83	1.96	7.4	434	30
EMPIRE WR-61	1.13	1.00	4.50	1.15	.92	3.73	1.89	7.5	452	34
STONEVILLE 213	1.15	1.01	5.17	1.17	.96	3.43	1.85	8.4	413	28
STONEVILLE 7A	1.16	1.00	5.28	1.17	.94	3.67	1.80	7.3	411	28
DELTAPINE S.L.	1.13	.99	4.96	1.14	.93	3.51	1.96	9.4	430	27

ROCKY MOUNT, NORTH CAROLINA

CAROLINA QUEEN	1.20	1.05	4.43	1.22	0.99	3.58	1.79	7.0	466	38
STONEVILLE 213	1.18	1.04	4.78	1.21	1.01	3.58	1.88	7.9	504	43
DIXIE KING	1.15	1.00	4.27	1.16	.96	3.76	1.81	6.5	464	42
AUBURN 56	1.17	1.02	4.22	1.17	.99	3.46	1.79	8.4	483	52
DEKALB 108	1.18	1.01	4.20	1.20	.99	3.47	1.75	7.5	483	49
DELTAPINE S.L.	1.16	1.01	4.42	1.16	.97	3.49	1.88	9.1	469	36
EMPIRE WR-61	1.18	1.02	4.22	1.20	.97	3.70	1.82	6.5	476	51
STONEVILLE 7A	1.16	1.00	4.79	1.21	1.02	3.75	1.81	7.0	440	37
REX SMOOTHLEAF	1.18	1.03	4.17	1.19	.99	3.59	1.80	7.1	478	40
COKER 100A	1.24	1.06	4.40	1.24	1.02	3.58	1.78	7.3	466	45

1963 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF **SIX** LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50	SPAN LENGTH 2.5 PER CENT	22'S
STONEVILLE 213	1144	A	6.25	73	39.2	11.5	0.52	1.11	118
DELTAPINE S.L.	1092	AB	6.00	76	39.0	10.7	.52	1.10	123
DELTA QUEEN	1082	AB	6.60	69	38.5	12.2	.53	1.14	124
AUBURN 56	1054	ABC	6.49	70	37.1	12.1	.51	1.09	119
COKER 100A	1046	ABC	6.49	70	38.2	12.0	.53	1.15	125
STONEVILLE 7A	1044	ABC	6.19	74	38.9	11.6	.52	1.13	120
FOX 4	1035	ABC	6.40	71	37.5	12.1	.53	1.11	127
STARDEL	1031	BC	6.05	75	38.9	11.8	.50	1.11	127
DIXIE KING	1030	BC	7.72	59	37.5	14.0	.52	1.12	124
AUBURN M	1006	BC	6.77	67	37.5	13.1	.51	1.08	116
REX SMOOTHLEAF	962	C	6.95	66	37.3	13.2	.50	1.10	115

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50	SPAN LENGTH 2.5 PER CENT	22'S
ST. JOSEPH, LA.	1373	6.72	68	41.1	12.5	0.52	1.13	123
PORT'VILLE, MO.	1153	6.54	70	37.9	12.7	.54	1.12	119
FT. PILL., TEN.	1104	6.49	71	38.1	11.4	.51	1.11	123
TUNICA, MISS.	1011	6.68	69	36.7	12.8	.53	1.13	124
STO'VILLE, MIS.	954	7.19	64	35.2	13.0	.54	1.16	127
CL'DALE, ARK.	626	6.19	74	39.1	11.8	.47	1.03	114

BOLL SIZE, GRAMS PER BOLL

DIXIE KING	7.72	A
REX SMOOTHLEAF	6.95	B
AUBURN M	6.77	BC
DELTA QUEEN	6.60	CD
COKER 100A	6.49	CDE
AUBURN 56	6.49	CDE
FOX 4	6.40	DEF
STONEVILLE 213	6.25	DEFG
STONEVILLE 7A	6.19	EFG
STARDEL	6.05	FG
DELTAPINE S.L.	6.00	G

BOLL SIZE, NO. PER POUND

DELTAPINE S.L.	76	A
STARDEL	75	A
STONEVILLE 7A	74	AB
STONEVILLE 213	73	ABC
FOX 4	71	BCD
COKER 100A	70	CDE
AUBURN 56	70	CDE
DELTA QUEEN	69	DEF
AUBURN M	67	EF
REX SMOOTHLEAF	66	F
DIXIE KING	59	G

LINT PER CENT

STONEVILLE 213	39.2	A
DELTAPINE S.L.	39.0	AB
STONEVILLE 7A	38.9	AB
STARDEL	38.9	AB
DELTA QUEEN	38.5	AB
COKER 100A	38.2	BC
AUBURN M	37.5	CD
DIXIE KING	37.5	CD
FOX 4	37.5	CD
REX SMOOTHLEAF	37.3	D
AUBURN 56	37.1	D

1963 DELTA REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SIX LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
STONEVILLE 213	1.12	0.95	4.85	1.13	0.91	3.61	1.84	07.4	429	29
DELTAPINE S.L.	1.11	.94	4.67	1.13	.92	3.59	1.91	8.8	446	30
DELTA QUEEN	1.14	.97	4.47	1.17	.94	3.70	1.90	7.4	459	36
AUBURN 56	1.10	.93	4.50	1.11	.89	3.60	1.81	7.6	456	35
COKER 100A	1.15	.97	4.59	1.17	.93	3.69	1.87	7.1	449	33
STONEVILLE 7A	1.13	.96	4.89	1.14	.89	3.81	1.85	6.7	428	28
FOX 4	1.12	.96	4.97	1.15	.94	3.72	1.94	7.3	426	27
STARDEL	1.11	.93	4.67	1.12	.88	4.11	1.99	6.4	437	30
DIXIE KING	1.12	.95	4.51	1.14	.91	3.80	1.86	6.5	450	34
AUBURN M	1.07	.91	4.43	1.10	.89	3.58	1.83	7.5	463	38
REX SMOOTHLEAF	1.11	.92	4.20	1.12	.89	3.60	1.76	7.2	469	37

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
ST. JOSEPH, LA.	1.15	0.98	4.59	1.16	0.93	3.70	1.86	07.2	442	31
PORT'VILLE, MO.	1.12	.96	4.66	1.13	.89	3.48	1.85	8.2	442	31
FT. PILL., TEN.	1.11	.92	4.31	1.13	.90	3.74	1.85	7.2	467	38
TUNICA, MISS.	1.12	.94	4.33	1.13	.90	3.74	1.83	6.9	465	37
STO'VILLE, MIS.	1.17	.99	4.54	1.19	.97	3.71	1.91	6.9	456	35
CL'DALE, ARK.	1.02	.85	4.99	1.05	.84	3.95	1.92	6.9	423	26

SEED INDEX

DIXIE KING	14.0	A
REX SMOOTHLEAF	13.2	B
AUBURN M	13.1	B
DELTA QUEEN	12.2	C
FOX 4	12.1	CD
AUBURN 56	12.1	CD
COKER 100A	12.0	CDE
STARDEL	11.8	CDE
STONEVILLE 7A	11.6	DE
STONEVILLE 213	11.5	E
DELTAPINE S.L.	10.7	F

SPAN LENGTH, 50 PER CENT

DELTA QUEEN	0.53	A
FOX 4	.53	A
COKER 100A	.53	A
STONEVILLE 213	.52	AB
STONEVILLE 7A	.52	AB
DIXIE KING	.52	AB
DELTAPINE S.L.	.52	AB
AUBURN M	.51	BC
AUBURN 56	.51	BC
REX SMOOTHLEAF	.50	C
STARDEL	.50	C

SPAN LENGTH, 2.5 PER CENT

COKER 100A	1.15	A
DELTA QUEEN	1.14	AB
STONEVILLE 7A	1.13	ABC
DIXIE KING	1.12	BCD
STONEVILLE 213	1.11	CDE
STARDEL	1.11	CDE
FOX 4	1.11	CDE
REX SMOOTHLEAF	1.10	DEF
DELTAPINE S.L.	1.10	DEF
AUBURN 56	1.09	EF
AUBURN M	1.08	F

22'S

STARDEL	127	A
FOX 4	127	A
COKER 100A	125	AB
DELTA QUEEN	124	ABC
DIXIE KING	124	ABC
DELTAPINE S.L.	123	ABC
STONEVILLE 7A	120	BCD
AUBURN 56	119	CD
STONEVILLE 213	118	D
AUBURN M	116	D
REX SMOOTHLEAF	115	D

GINNED LINT, UHM

COKER 100A	1.15	A
DELTA QUEEN	1.14	AB
STONEVILLE 7A	1.13	ABC
STONEVILLE 213	1.12	BCD
DIXIE KING	1.12	BCD
FOX 4	1.12	BCD
REX SMOOTHLEAF	1.11	CD
STARDEL	1.11	CD
DELTAPINE S.L.	1.11	CD
AUBURN 56	1.10	D
AUBURN M	1.07	E

GINNED LINT, MEAN

DELTA QUEEN	0.97	A
COKER 100A	.97	A
STONEVILLE 7A	.96	AB
FOX 4	.96	AB
STONEVILLE 213	.95	ABC
DIXIE KING	.95	ABC
DELTAPINE S.L.	.94	BCD
STARDEL	.93	CDE
AUBURN 56	.93	CDE
REX SMOOTHLEAF	.92	DE
AUBURN M	.91	E

MICRONAIRE

FOX 4	4.97	A
STONEVILLE 7A	4.89	A
STONEVILLE 213	4.85	A
STARDEL	4.67	B
DELTAPINE S.L.	4.67	B
COKER 100A	4.59	BC
DIXIE KING	4.51	BC
AUBURN 56	4.50	BC
DELTA QUEEN	4.47	C
AUBURN M	4.43	C
REX SMOOTHLEAF	4.20	D

DRAWING SLIVER, UHM

DELTA QUEEN	1.17	A
COKER 100A	1.17	A
FOX 4	1.15	B
STONEVILLE 7A	1.14	BC
DIXIE KING	1.14	BC
STONEVILLE 213	1.13	CD
DELTAPINE S.L.	1.13	CD
REX SMOOTHLEAF	1.12	CD
STARDEL	1.12	CD
AUBURN 56	1.11	DE
AUBURN M	1.10	E

DRAWING SLIVER, MEAN

DELTA QUEEN	0.94	A
FOX 4	.94	A
COKER 100A	.93	AB
DELTAPINE S.L.	.92	AB
STONEVILLE 213	.91	BC
DIXIE KING	.91	BC
AUBURN M	.89	CD
REX SMOOTHLEAF	.89	CD
STONEVILLE 7A	.89	CD
AUBURN 56	.89	CD
STARDEL	.88	D

T0

STARDEL	4.11	A
STONEVILLE 7A	3.81	B
DIXIE KING	3.80	B
FOX 4	3.72	C
DELTA QUEEN	3.70	C
COKER 100A	3.69	C
STONEVILLE 213	3.61	D
REX SMOOTHLEAF	3.60	D
AUBURN 56	3.60	D
DELTAPINE S.L.	3.59	D
AUBURN M	3.58	D

T1

STARDEL	1.99	A
FOX 4	1.94	AB
DELTAPINE S.L.	1.91	BC
DELTA QUEEN	1.90	BCD
COKER 100A	1.87	BCDE
DIXIE KING	1.86	CDE
STONEVILLE 7A	1.85	CDE
STONEVILLE 213	1.84	CDE
AUBURN M	1.83	DEF
AUBURN 56	1.81	EF
REX SMOOTHLEAF	1.76	F

E1

DELTAPINE S.L.	8.8	A
AUBURN 56	7.6	B
AUBURN M	7.5	BC
STONEVILLE 213	7.4	BCD
DELTA QUEEN	7.4	BCD
FOX 4	7.3	BCD
REX SMOOTHLEAF	7.2	CD
COKER 100A	7.1	D
STONEVILLE 7A	6.7	E
DIXIE KING	6.5	E
STARDEL	6.4	E

A

REX SMOOTHLEAF	469	A
AUBURN M	463	AB
DELTA QUEEN	459	BC
AUBURN 56	456	BCD
DIXIE KING	450	CD
COKER 100A	449	CD
DELTAPINE S.L.	446	DE
STARDEL	437	EF
STONEVILLE 213	429	FG
STONEVILLE 7A	428	FG
FOX 4	426	G

D

AUBURN M	38	A
REX SMOOTHLEAF	37	AB
DELTA QUEEN	36	AB
AUBURN 56	35	AB
DIXIE KING	34	ABC
COKER 100A	33	BCD
STARDEL	30	CDE
DELTAPINE S.L.	30	CDE
STONEVILLE 213	29	DE
STONEVILLE 7A	28	E
FOX 4	27	E

1963 DELTA REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

ST. JOSEPH, LOUISIANA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
DELTAPINE S.L.	1616	A	5.75	79	41.1	10.6	0.52	1.13	127
STONEVILLE 213	1532	AB	6.39	71	41.0	11.3	.53	1.14	116
DELTA QUEEN	1445	AB	6.40	72	42.5	12.6	.52	1.17	125
STONEVILLE 7A	1443	AB	6.73	68	41.4	11.9	.52	1.16	123
DIXIE KING	1424	ABC	7.95	58	41.8	14.4	.54	1.15	128
AUBURN 56	1404	ABC	6.43	71	40.0	12.1	.51	1.11	119
FOX 4	1378	ABCD	6.50	70	41.5	12.1	.54	1.13	127
STARDEL	1370	ABCD	6.18	74	41.5	12.3	.52	1.14	134
COKER 100A	1343	ABCD	6.70	68	40.9	12.6	.53	1.17	122
EMPIRE WR-61	1268	BCD	7.75	59	41.4	14.3	.50	1.10	123
REX SMOOTHLEAF	1149	CD	6.82	67	40.1	12.6	.49	1.10	116
AUBURN M	1105	D	7.00	66	40.4	13.6	.51	1.10	122

STONEVILLE, MISSISSIPPI

STONEVILLE 213	1144	A	6.92	66	36.8	12.4	0.55	1.17	119
STONEVILLE 7A	1033	B	6.68	68	35.9	12.4	.54	1.18	126
FOX 4	1021	B	7.05	65	34.6	12.8	.55	1.15	130
DELTA QUEEN	983	BC	6.99	65	35.2	12.8	.56	1.21	131
STARDEL	973	BC	6.81	67	36.1	12.5	.53	1.16	131
DELTAPINE S.L.	963	BC	7.13	64	36.6	11.4	.55	1.17	129
AUBURN 56	933	BCD	6.88	66	34.1	12.6	.53	1.14	125
DIXIE KING	918	BCD	8.26	55	34.8	14.9	.57	1.17	128
REX SMOOTHLEAF	889	CD	7.70	60	34.8	14.0	.54	1.17	126
COKER 100A	888	CD	6.76	68	34.8	12.6	.56	1.20	128
AUBURN M	887	CD	6.77	67	34.4	13.2	.54	1.13	120
EMPIRE WR-61	816	D	8.30	55	34.2	15.0	.53	1.16	134

TUNICA, MISSISSIPPI

STONEVILLE 213	1228	A	6.26	73	39.1	11.9	0.54	1.12	120
DELTA QUEEN	1170	AB	7.12	64	36.8	12.6	.54	1.15	124
COKER 100A	1123	ABC	6.88	66	37.8	12.3	.55	1.19	133
DELTAPINE S.L.	1084	ABC	5.64	81	37.5	11.0	.51	1.11	123
AUBURN 56	1035	ABCD	6.92	66	35.3	12.8	.53	1.12	126
AUBURN M	988	BCDE	6.86	66	35.7	13.5	.53	1.12	119
STARDEL	982	BCDE	5.68	80	37.7	11.8	.49	1.10	125
FOX 4	964	CDE	6.38	71	35.3	12.3	.54	1.12	135
STONEVILLE 7A	958	CDE	6.16	74	38.8	11.7	.51	1.12	112
DIXIE KING	955	CDE	7.40	62	36.4	14.7	.53	1.14	131
REX SMOOTHLEAF	845	DE	6.78	67	35.6	14.1	.53	1.12	118
EMPIRE WR-61	801	E	8.06	57	34.1	15.0	.52	1.13	124

1963 DELTA REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

ST. JOSEPH, LOUISIANA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
DELTAPINE S.L.	1.14	0.98	4.65	1.17	0.96	3.62	1.93	08.7	444	27
STONEVILLE 213	1.17	1.01	4.79	1.17	.93	3.56	1.84	7.5	423	29
DELTA QUEEN	1.19	1.01	4.47	1.21	.97	3.60	1.83	7.7	451	32
STONEVILLE 7A	1.20	1.05	4.99	1.19	.95	3.74	1.88	7.0	422	23
DIXIE KING	1.15	.98	4.60	1.16	.93	3.86	1.93	6.5	440	32
AUBURN 56	1.13	.98	4.69	1.13	.91	3.57	1.72	7.4	440	34
FOX 4	1.16	1.01	5.09	1.18	.97	3.69	1.89	6.9	418	24
STARDEL	1.17	.99	4.76	1.17	.93	4.17	1.99	6.3	427	24
COKER 100A	1.18	1.00	4.53	1.19	.94	3.62	1.88	7.2	442	33
EMPIRE WR-61	1.13	.95	4.04	1.14	.90	3.75	1.83	6.8	474	37
REX SMOOTHLEAF	1.13	.94	4.24	1.14	.91	3.57	1.72	7.3	465	41
AUBURN M	1.11	.94	4.27	1.13	.92	3.66	1.92	7.5	464	34

STONEVILLE, MISSISSIPPI

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
STONEVILLE 213	1.16	0.99	4.76	1.20	0.98	3.54	1.90	07.4	443	32
STONEVILLE 7A	1.18	1.01	4.82	1.19	.94	3.79	1.88	6.8	433	31
FOX 4	1.15	.99	5.04	1.20	1.01	3.72	1.98	6.9	423	24
DELTA QUEEN	1.20	1.03	4.43	1.23	.99	3.67	1.95	7.1	464	34
STARDEL	1.16	.98	4.69	1.20	.97	4.07	1.98	6.2	446	33
DELTAPINE S.L.	1.19	1.00	4.77	1.19	.95	3.60	2.00	8.7	448	32
AUBURN 56	1.15	.97	4.46	1.16	.95	3.59	1.87	7.1	463	38
DIXIE KING	1.17	1.01	4.45	1.19	.97	3.82	1.88	6.0	456	36
REX SMOOTHLEAF	1.17	1.00	4.16	1.21	.99	3.66	1.80	6.9	477	40
COKER 100A	1.21	1.03	4.53	1.22	.99	3.64	1.91	6.8	459	38
AUBURN M	1.13	.96	4.33	1.15	.94	3.62	1.86	7.3	474	45
EMPIRE WR-61	1.15	.96	4.08	1.18	.95	3.87	1.93	6.0	486	39

TUNICA, MISSISSIPPI

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
STONEVILLE 213	1.12	0.96	4.67	1.11	0.88	3.65	1.67	07.1	435	34
DELTA QUEEN	1.16	.99	4.26	1.16	.93	3.68	1.85	7.3	467	40
COKER 100A	1.17	.98	4.47	1.17	.93	3.69	1.88	6.6	462	34
DELTAPINE S.L.	1.12	.95	4.35	1.14	.92	3.64	1.85	8.5	454	35
AUBURN 56	1.12	.94	4.13	1.13	.91	3.56	1.83	7.7	483	42
AUBURN M	1.11	.94	4.07	1.13	.93	3.59	1.80	7.4	488	46
STARDEL	1.10	.91	4.72	1.10	.84	4.20	1.95	5.9	438	27
FOX 4	1.12	.96	4.74	1.16	.93	3.69	1.93	6.9	447	29
STONEVILLE 7A	1.11	.93	4.90	1.12	.86	3.77	1.77	6.1	427	30
DIXIE KING	1.12	.92	4.17	1.14	.91	3.85	1.87	6.0	473	40
REX SMOOTHLEAF	1.13	.92	3.89	1.13	.88	3.71	1.83	6.8	490	41
EMPIRE WR-61	1.13	.94	3.60	1.14	.89	3.91	1.78	6.1	522	48

1963 DELTA REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

CLARKEDALE, ARKANSAS

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
REX SMOOTHLEAF	675	A	6.40	71	39.1	11.7	0.44	0.98	102
AUBURN M	668	A	6.39	71	39.1	12.0	.45	.96	102
STONEVILLE 7A	654	AB	5.67	80	40.0	11.0	.48	1.09	116
AUBURN 56	645	AB	6.05	75	38.8	11.8	.47	1.01	110
STONEVILLE 213	629	ABC	5.79	79	39.7	11.5	.49	1.04	119
DELTA QUEEN	614	BC	6.17	74	39.3	12.1	.48	1.03	119
DIXIE KING	609	BC	7.70	59	37.9	13.4	.46	1.04	115
COKER 100A	608	BC	6.05	75	39.3	11.8	.49	1.07	116
DELTAPINE S.L.	607	BC	5.90	77	39.6	11.0	.48	1.03	113
STARDEL	592	C	5.94	77	39.4	11.7	.46	1.02	123
FOX 4	591	C	6.09	75	38.0	12.0	.48	1.04	119

PORTAGEVILLE, MISSOURI

DELTAPINE S.L.	1227	A	5.70	80	39.5	10.6	0.53	1.09	116
AUBURN M	1225	A	6.95	66	38.5	13.6	.54	1.08	116
STONEVILLE 213	1219	A	6.30	72	38.7	12.0	.53	1.12	117
STARDEL	1200	AB	5.90	77	39.4	11.8	.54	1.15	119
REX SMOOTHLEAF	1195	ABC	6.85	67	37.9	13.4	.52	1.10	112
AUBURN 56	1163	ABCD	6.65	69	37.1	12.6	.52	1.09	116
DELTA QUEEN	1153	ABCD	6.60	69	37.8	12.6	.56	1.15	123
STONEVILLE 7A	1151	ABCD	5.95	77	38.7	12.0	.54	1.12	125
COKER 100A	1116	BCD	6.35	72	37.9	12.0	.56	1.16	125
DIXIE KING	1099	CD	7.00	65	37.2	14.2	.55	1.12	117
FOX 4	1093	D	6.30	72	37.7	12.0	.57	1.16	124
EMPIRE WR-61	1000	E	7.95	57	34.9	15.2	.53	1.15	123

FT. PILLOW, TENNESSEE

COKER 100A	1198	A	6.18	73	38.4	10.6	0.53	1.14	128
DIXIE KING	1172	AB	8.00	57	36.7	12.3	.50	1.12	124
FOX 4	1165	AB	6.06	75	37.8	11.3	.52	1.09	127
AUBURN M	1163	AB	6.62	69	37.2	12.6	.51	1.08	121
AUBURN 56	1146	AB	6.00	76	37.6	10.8	.52	1.09	121
DELTA QUEEN	1124	AB	6.34	72	39.5	10.8	.53	1.14	125
STONEVILLE 213	1112	AB	5.83	78	40.1	09.8	.51	1.08	119
STARDEL	1070	AB	5.79	79	39.2	10.7	.49	1.10	129
DELTAPINE S.L.	1052	AB	5.87	77	39.7	09.9	.51	1.11	128
STONEVILLE 7A	1022	B	5.97	76	38.9	10.4	.51	1.12	119
REX SMOOTHLEAF	1017	B	7.16	63	36.2	13.4	.52	1.14	118
EMPIRE WR-61	1010	B	8.07	56	35.8	14.0	.52	1.14	124

1963 DELTA REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

CLARKEDALE, ARKANSAS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
REX SMOOTHLEAF	.97	0.78	4.59	1.01	0.79	3.70	1.66	06.9	443	32
AUBURN M	.99	.85	4.77	1.02	.82	3.76	1.80	7.0	433	28
STONEVILLE 7A	1.06	.88	4.93	1.08	.84	4.11	1.92	6.3	422	28
AUBURN 56	.99	.83	5.08	1.02	.81	3.84	1.89	7.1	422	30
STONEVILLE 213	1.04	.88	5.22	1.08	.86	3.93	1.99	7.0	409	23
DELTA QUEEN	1.04	.88	4.92	1.09	.88	4.01	2.01	7.3	434	31
DIXIE KING	1.03	.85	4.94	1.06	.85	4.08	1.93	6.2	424	25
COKER 100A	1.08	.90	4.98	1.08	.84	4.03	1.86	6.7	418	21
DELTAPINE S.L.	.99	.84	5.32	1.06	.86	3.77	1.96	8.0	421	21
STARDEL	1.02	.85	4.69	1.04	.81	4.35	2.09	6.2	428	32
FOX 4	1.03	.87	5.49	1.07	.87	3.93	1.99	7.2	398	21

PORTAGEVILLE, MISSOURI

DELTAPINE S.L.	1.09	0.93	4.60	1.12	0.91	3.29	1.83	10.7	449	29
AUBURN M	1.05	.88	4.83	1.08	.83	3.24	1.78	8.2	445	31
STONEVILLE 213	1.15	.99	5.08	1.13	.90	3.38	1.84	8.4	419	26
STARDEL	1.13	.97	4.67	1.14	.90	3.84	2.02	7.3	430	31
REX SMOOTHLEAF	1.11	.93	4.38	1.11	.85	3.40	1.75	8.0	449	31
AUBURN 56	1.12	.95	4.56	1.11	.89	3.31	1.72	8.7	443	34
DELTA QUEEN	1.14	.97	4.53	1.16	.92	3.47	1.88	8.4	466	39
STONEVILLE 7A	1.13	.97	5.00	1.13	.87	3.59	1.91	7.2	428	31
COKER 100A	1.15	.98	4.74	1.19	.94	3.51	1.87	8.2	446	28
DIXIE KING	1.14	.98	4.68	1.14	.90	3.49	1.76	7.7	438	34
FOX 4	1.15	1.00	4.83	1.16	.92	3.54	1.91	8.6	427	29
EMPIRE WR-61	1.14	.96	4.09	1.15	.89	3.71	1.96	7.0	470	35

FT. PILLOW, TENNESSEE

COKER 100A	1.13	0.93	4.28	1.16	0.92	3.67	1.85	07.2	469	43
DIXIE KING	1.13	.94	4.23	1.14	.90	3.73	1.80	6.9	469	42
FOX 4	1.10	.93	4.64	1.15	.95	3.79	1.94	7.1	447	35
AUBURN M	1.07	.89	4.34	1.12	.91	3.63	1.86	7.5	474	45
AUBURN 56	1.09	.91	4.07	1.10	.88	3.74	1.83	7.9	488	35
DELTA QUEEN	1.13	.96	4.22	1.17	.94	3.80	1.91	7.0	474	43
STONEVILLE 213	1.08	.88	4.59	1.11	.89	3.62	1.79	7.3	445	31
STARDEL	1.09	.89	4.50	1.10	.84	4.04	1.93	6.5	451	37
DELTAPINE S.L.	1.13	.94	4.33	1.13	.90	3.63	1.89	8.4	461	35
STONEVILLE 7A	1.12	.94	4.69	1.13	.88	3.84	1.76	6.7	437	27
REX SMOOTHLEAF	1.13	.93	3.97	1.16	.91	3.58	1.81	7.3	490	39
EMPIRE WR-61	1.13	.93	3.86	1.16	.94	3.87	1.84	6.4	497	47

1963 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS.

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT.	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
STONEVILLE 7A	697	A	4.90	94	39.9	10.1	0.49	1.09	115
DELTAPINE S.L.	689	AB	5.04	91	39.2	10.0	.49	1.06	116
STARDEL	667	ABC	5.05	91	39.3	10.4	.48	1.07	123
COKER 124	661	ABC	5.49	84	38.8	10.5	.49	1.08	124
AUBURN 56	637	ABC	5.35	86	36.7	10.9	.48	1.05	114
REX SMOOTHLEAF	611	BC	5.74	80	36.7	11.4	.48	1.06	107
TIDELAND TPSA69	599	C	6.06	76	38.4	11.4	.46	1.01	111
DELFOS 9169	589	C	6.17	74	35.2	11.2	.49	1.12	115

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT.	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
COL. STA., TEX.	1063	5.66	81	36.9	10.9	0.45	1.05	111
ANGLETON, TEX.	721	6.17	74	38.0	11.1	.50	1.10	115
HOPE, ARK.	681	5.33	86	34.9	11.2	.48	1.08	114
BOSSIER C., LA.	622	5.73	80	40.2	11.0	.49	1.04	117
ST'WATER, OKLA.	609	5.84	78	34.9	11.8	.52	1.13	126
MCGREGOR, TEX.	492	5.23	87	41.3	10.0	.42	1.00	110
BEEVILLE, TEX.	320	4.35	105	40.0	9.2	.45	.99	107
WESLACO, TEX.						.54	1.13	125

BOLL SIZE, GRAMS PER BOLL

DELFOS 9169	6.17	A
TIDELAND TPSA69	6.06	AB
REX SMOOTHLEAF	5.74	BC
COKER 124	5.49	CD
AUBURN 56	5.35	DE
STARDEL	5.05	EF
DELTAPINE S.L.	5.04	EF
STONEVILLE 7A	4.90	F

BOLL SIZE, NO. PER POUND

STONEVILLE 7A	94	A
STARDEL	91	A
DELTAPINE S.L.	91	A
AUBURN 56	86	B
COKER 124	84	BC
REX SMOOTHLEAF	80	CD
TIDELAND TPSA69	76	DE
DELFOS 9169	74	E

LINT PER CENT

STONEVILLE 7A	39.9	A
STARDEL	39.3	AB
DELTAPINE S.L.	39.2	AB
COKER 124	38.8	AB
TIDELAND TPSA69	38.4	B
REX SMOOTHLEAF	36.7	C
AUBURN 56	36.7	C
DELFOS 9169	35.2	D

1963 CENTRAL REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
STONEVILLE 7A	1.09	0.91	4.83	1.09	0.87	3.80	1.80	6.6	431	28
DELTAPINE S.L.	1.05	.89	4.76	1.06	.87	3.64	1.93	8.4	439	25
STARDEL	1.08	.90	4.50	1.07	.85	4.14	1.97	6.1	451	30
COKER 124	1.08	.90	4.37	1.08	.89	3.84	1.96	7.1	463	31
AUBURN 56	1.05	.88	4.32	1.05	.85	3.65	1.83	7.2	467	37
REX SMOOTHLEAF	1.06	.88	4.38	1.06	.83	3.63	1.75	6.7	458	35
TIDELAND TPSA69	1.02	.86	4.51	1.03	.83	3.71	1.77	7.1	453	31
DELFOS 9169	1.14	.92	4.21	1.14	.90	3.46	1.79	7.8	475	36

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
COL. STA., TEX.	1.06	0.85	4.22	1.05	0.82	3.72	1.83	07.4	473	36
ANGLETON, TEX.	1.09	.92	4.85	1.10	.85	3.69	1.81	6.3	429	24
HOPE, ARK.	1.05	.86	4.19	1.06	.84	3.84	1.88	6.6	470	37
BOSSIER C., LA.	1.03	.87	4.69	1.04	.84	3.84	1.82	7.0	446	28
ST'WATER, OKLA.	1.14	.98	4.46	1.13	.89	3.83	2.00	7.3	455	33
MCGREGOR, TEX.										
BEEVILLE, TEX.	.99	.81	4.70	1.00	.82	3.79	1.74	7.3	443	29
WESLACO, TEX.	1.12	.96	4.28	1.14	.96	3.43	1.87	7.9	467	35

SEED INDEX

REX SMOOTHLEAF	11.4	A
TIDELAND TPSA69	11.4	A
DELFOS 9169	11.2	AB
AUBURN 56	10.9	ABC
COKER 124	10.5	ABC
STARDEL	10.4	BC
STONEVILLE 7A	10.1	C
DELTAPINE S.L.	10.0	C

SPAN LENGTH, 50 PER CENT

STONEVILLE 7A	0.49	A
DELTAPINE S.L.	.49	A
DELFOS 9169	.49	A
COKER 124	.49	A
REX SMOOTHLEAF	.48	A
STARDEL	.48	A
AUBURN 56	.48	A
TIDELAND TPSA69	.46	B

SPAN LENGTH, 2.5 PER CENT

DELFOS 9169	1.12	A
STONEVILLE 7A	1.09	B
COKER 124	1.08	BC
STARDEL	1.07	BC
REX SMOOTHLEAF	1.06	C
DELTAPINE S.L.	1.06	C
AUBURN 56	1.05	C
TIDELAND TPSA69	1.01	D

22'S

COKER 124	124	A
STARDEL	123	A
DELTAPINE S.L.	116	B
STONEVILLE 7A	115	BC
DELFOS 9169	115	BC
AUBURN 56	114	BC
TIDELAND TPSA69	111	C
REX SMOOTHLEAF	107	D

GINNED LINT, UHM

DELFOS 9169	1.14	A
STONEVILLE 7A	1.09	B
STARDEL	1.08	BC
COKER 124	1.08	BC
REX SMOOTHLEAF	1.06	CD
DELTAPINE S.L.	1.05	D
AUBURN 56	1.05	D
TIDELAND TPSA69	1.02	E

GINNED LINT, MEAN

DELFOS 9169	0.92	A
STONEVILLE 7A	.91	AB
STARDEL	.90	AB
COKER 124	.90	AB
DELTAPINE S.L.	.89	ABC
REX SMOOTHLEAF	.88	BC
AUBURN 56	.88	BC
TIDELAND TPSA69	.86	C

MICRONAIRE

STONEVILLE 7A	4.83	A
DELTAPINE S.L.	4.76	A
TIDELAND TPSA69	4.51	B
STARDEL	4.50	B
REX SMOOTHLEAF	4.38	BC
COKER 124	4.37	BC
AUBURN 56	4.32	BC
DELFOS 9169	4.21	C

DRAWING SLIVER, UHM

DELFOS 9169	1.14	A
STONEVILLE 7A	1.09	B
COKER 124	1.08	BC
STARDEL	1.07	BCD
REX SMOOTHLEAF	1.06	CD
DELTAPINE S.L.	1.06	CD
AUBURN 56	1.05	DE
TIDELAND TPSA69	1.03	E

DRAWING SLIVER, MEAN

DELFOS 9169	0.90	A
COKER 124	.89	AB
STONEVILLE 7A	.87	BC
DELTAPINE S.L.	.87	BC
STARDEL	.85	CD
AUBURN 56	.85	CD
REX SMOOTHLEAF	.83	D
TIDELAND TPSA69	.83	D

T0

STARDEL	4.14	A
COKER 124	3.84	B
STONEVILLE 7A	3.80	BC
TIDELAND TPSA69	3.71	CD
AUBURN 56	3.65	D
DELTAPINE S.L.	3.64	D
REX SMOOTHLEAF	3.63	D
DELFOS 9169	3.46	E

T1

STARDEL	1.97	A
COKER 124	1.96	A
DELTAPINE S.L.	1.93	A
AUBURN 56	1.83	B
STONEVILLE 7A	1.80	BC
DELFOS 9169	1.79	BC
TIDELAND TPSA69	1.77	BC
REX SMOOTHLEAF	1.75	C

E1

DELTAPINE S.L.	8.4	A
DELFOS 9169	7.8	B
AUBURN 56	7.2	C
TIDELAND TPSA69	7.1	C
COKER 124	7.1	C
REX SMOOTHLEAF	6.7	C
STONEVILLE 7A	6.6	CD
STARDEL	6.1	D

A

DELFOS 9169	475	A
AUBURN 56	467	AB
COKER 124	463	ABC
REX SMOOTHLEAF	458	BC
TIDELAND TPSA69	453	C
STARDEL	451	C
DELTAPINE S.L.	439	D
STONEVILLE 7A	431	D

D

AUBURN 56	37	A
DELFOS 9169	36	A
REX SMOOTHLEAF	35	A
TIDELAND TPSA69	31	B
COKER 124	31	B
STARDEL	30	B
STONEVILLE 7A	28	BC
DELTAPINE S.L.	25	C

1963 CENTRAL REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

STILLWATER, OKLAHOMA

VARIETY	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
STARDEL	677 A	5.46	83	35.6	11.0	0.51	1.14	134
COKER 124	620 AB	5.83	78	35.2	11.5	.53	1.15	137
AUBURN 56	617 AB	6.01	76	33.7	12.2	.54	1.15	124
STONEVILLE 7A	614 AB	4.99	91	36.3	11.8	.51	1.13	129
DELTAPINE S.L.	607 AB	5.30	86	37.0	11.0	.54	1.12	125
TIDELAND TPSA69	584 B	6.44	71	35.9	12.5	.48	1.04	120
REX SMOOTHLEAF	577 B	6.27	73	33.6	12.5	.54	1.14	120
DELFOS 9169	574 B	6.47	70	32.3	11.8	.54	1.21	124

MCGREGOR, TEXAS

AUBURN 56	582 A	5.34	85	42.1	09.7	0.42	0.99	105
STARDEL	564 A	4.90	93	43.8	10.5	.43	1.04	122
DELTAPINE S.L.	558 A	4.86	93	41.2	11.7	.41	.97	99
STONEVILLE 7A	552 A	4.68	97	42.7	9.4	.43	1.02	109
COKER 124	549 A	5.38	84	44.6	9.5	.44	1.04	120
TIDELAND TPSA69	390 B	5.26	86	40.2	9.8	.40	.94	112
REX SMOOTHLEAF	384 B	5.34	85	36.7	10.7	.42	1.02	99
DELFOS 9169	358 B	6.06	75	38.7	8.4	.42	.99	112

COLLEGE STATION, TEXAS

DELTAPINE S.L.	1116 A	5.21	88	38.6	09.4	0.46	1.05	114
STARDEL	1092 A	4.75	96	38.3	9.9	.43	1.04	114
STONEVILLE 7A	1089 A	5.06	90	38.8	9.7	.47	1.08	113
AUBURN 56	1089 A	5.64	80	35.3	11.3	.46	1.04	112
COKER 124	1085 A	6.07	75	38.3	11.5	.48	1.11	120
DELFOS 9169	1058 A	6.52	70	33.3	12.1	.47	1.11	112
TIDELAND TPSA69	991 A	6.22	73	37.0	11.4	.42	.99	103
REX SMOOTHLEAF	984 A	5.84	78	35.8	11.7	.43	1.03	102

BEEVILLE, TEXAS

STONEVILLE 7A	343 A	4.08	112	41.2	08.1	0.46	1.03	109
COKER 124	343 A	4.37	104	40.5	9.4	.44	.96	114
DELTAPINE S.L.	339 A	4.02	113	39.8	8.5	.47	.99	111
TIDELAND TPSA69	323 A	4.97	92	41.0	10.0	.44	.94	104
STARDEL	318 A	4.00	114	41.0	8.6	.44	.97	114
REX SMOOTHLEAF	311 A	4.37	104	40.0	9.7	.44	.97	94
AUBURN 56	308 AB	4.05	112	39.5	9.0	.46	.97	106
DELFOS 9169	271 B	4.93	93	37.1	10.2	.48	1.09	108

1963 CENTRAL REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

STILLWATER, OKLAHOMA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
STARDEL	1.16	0.98	4.28	1.12	0.87	4.32	2.13	5.9	463	28
COKER 124	1.14	.98	4.32	1.14	.92	4.00	2.21	7.0	455	32
AUBURN 56	1.16	1.01	4.36	1.13	.89	3.69	1.99	7.9	466	36
STONEVILLE 7A	1.17	1.00	4.75	1.15	.88	3.88	1.92	6.8	444	33
DELTAPINE S.L.	1.13	.97	5.12	1.12	.91	3.76	2.12	8.0	425	29
TIDELAND TPSA69	1.06	.91	4.36	1.07	.85	3.83	1.90	7.4	451	29
REX SMOOTHLEAF	1.13	.98	4.28	1.11	.87	3.75	1.94	6.9	461	40
DELFOS 9169	1.22	1.02	4.23	1.23	.96	3.45	1.82	8.7	473	40

MCGREGOR, TEXAS

AUBURN 56	-	-	-	-	-	-	-	-	-	-
STARDEL	-	-	-	-	-	-	-	-	-	-
DELTAPINE S.L.	-	-	-	-	-	-	-	-	-	-
STONEVILLE 7A	-	-	-	-	-	-	-	-	-	-
COKER 124	-	-	-	-	-	-	-	-	-	-
TIDELAND TPSA69	-	-	-	-	-	-	-	-	-	-
REX SMOOTHLEAF	-	-	-	-	-	-	-	-	-	-
DELFOS 9169	-	-	-	-	-	-	-	-	-	-

COLLEGE STATION, TEXAS

DELTAPINE S.L.	1.02	0.82	4.28	1.02	0.82	3.77	1.97	9.1	472	23
STARDEL	1.06	.85	4.15	1.04	.81	4.02	1.90	6.2	476	39
STONEVILLE 7A	1.09	.86	4.53	1.08	.85	3.71	1.82	8.8	455	36
AUBURN 56	1.03	.86	4.07	1.01	.81	3.65	1.76	7.1	484	38
COKER 124	1.12	.90	4.29	1.10	.87	3.89	1.94	7.1	467	37
DELFOS 9169	1.12	.88	3.94	1.10	.85	3.38	1.77	7.6	492	41
TIDELAND TPSA69	1.00	.80	4.23	.99	.78	3.69	1.73	7.0	479	36
REX SMOOTHLEAF	1.03	.81	4.27	1.03	.83	3.65	1.74	6.1	465	40

BEEVILLE, TEXAS

STONEVILLE 7A	1.02	0.84	5.07	1.04	0.86	3.94	1.75	6.1	418	23
COKER 124	.98	.79	4.59	1.00	.84	3.96	1.78	7.1	449	29
DELTAPINE S.L.	.98	.82	4.83	.99	.83	3.71	1.85	8.7	435	25
TIDELAND TPSA69	.92	.76	4.95	.96	.80	3.86	1.65	7.4	438	27
STARDEL	1.01	.83	4.82	1.02	.82	4.08	1.80	6.9	433	29
REX SMOOTHLEAF	.96	.77	4.53	.98	.74	3.56	1.65	7.0	446	35
AUBURN 56	.97	.80	4.48	.98	.82	3.69	1.73	7.3	459	36
DELFOS 9169	1.09	.88	4.36	1.09	.86	3.53	1.73	7.9	470	31

1963 CENTRAL REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

WESLACO, TEXAS

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
AUBURN 56	-		-	-	-	-	56	1.12	120
COKER 124	-		-	-	-	-	56	1.14	133
DELFOS 9169	-		-	-	-	-	56	1.22	125
DELTAPINE S.L.	-		-	-	-	-	54	1.11	128
REX SMOOTHLEAF	-		-	-	-	-	53	1.11	116
STARDEL	-		-	-	-	-	54	1.15	133
STONEVILLE 7A	-		-	-	-	-	56	1.15	125
TIDELAND TPSA69	-		-	-	-	-	51	1.08	120

ANGLETON, TEXAS

TIDELAND TPSA69	829	A	7.02	65	39.1	12.0	0.48	1.03	109
STONEVILLE 7A	776	AB	5.77	79	40.2	10.2	.51	1.12	115
REX SMOOTHLEAF	764	AB	6.31	72	36.6	11.8	.51	1.10	110
DELTAPINE S.L.	757	AB	5.98	76	39.7	10.0	.54	1.13	115
STARDEL	751	AB	5.84	78	38.5	10.7	.52	1.11	120
COKER 124	707	AB	5.87	78	38.7	10.0	.51	1.10	121
AUBURN 56	649	BC	5.76	79	36.0	11.4	.46	1.04	114
DELFOS 9169	533	C	6.84	67	35.0	12.6	.51	1.18	117

HOPE, ARKANSAS

DELTAPINE S.L.	769	A	4.89	93	36.6	09.2	0.49	1.09	115
STONEVILLE 7A	759	A	4.63	99	37.9	11.4	.48	1.07	108
REX SMOOTHLEAF	736	A	5.88	77	33.7	12.0	.49	1.09	110
STARDEL	723	A	4.79	95	36.7	10.8	.47	1.07	120
AUBURN 56	696	A	5.55	82	33.6	11.6	.50	1.10	119
COKER 124	689	A	5.44	84	33.9	11.4	.50	1.11	127
DELFOS 9169	586	B	5.90	77	32.1	12.1	.47	1.11	108
TIDELAND TPSA69	487	C	5.54	82	35.1	11.4	.48	1.03	106

BOSSIER CITY, LOUISIANA

STONEVILLE 7A	746	A	5.10	89	42.3	10.2	0.52	1.09	110
DELFOS 9169	742	A	6.46	70	38.0	11.3	.49	1.08	112
DELTAPINE S.L.	680	A	5.01	91	41.5	10.1	.50	1.04	120
COKER 124	637	A	5.46	84	40.8	10.3	.48	1.02	122
TIDELAND TPSA69	587	A	6.99	65	40.4	12.9	.51	1.05	120
STARDEL	546	A	5.58	81	41.1	11.1	.49	1.05	131
REX SMOOTHLEAF	521	A	6.20	73	40.5	11.2	.46	1.03	106
AUBURN 56	520	A	5.08	89	37.1	11.0	.46	1.00	117

1963 CENTRAL REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

WESLACO, TEXAS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
AUBURN 56	1.11	0.95	4.17	1.11	0.95	3.42	1.90	7.9	462	37
COKER 124	1.14	.97	4.11	1.16	1.00	3.30	1.89	8.0	489	33
DELFOS 9169	1.19	.97	3.96	1.22	1.02	3.30	1.83	8.3	499	40
DELTAPINE S.L.	1.08	.96	4.58	1.14	.99	3.39	1.96	9.2	444	28
REX SMOOTHLEAF	1.12	.95	4.54	1.12	.93	3.38	1.76	7.7	452	34
STARDEL	1.15	1.00	4.16	1.15	.94	3.81	2.03	7.6	474	36
STONEVILLE 7A	1.15	.99	4.66	1.14	.94	3.48	1.86	7.2	443	30
TIDELAND TPSA69	1.08	.93	4.07	1.09	.92	3.40	1.75	7.2	475	40

ANGLETON, TEXAS

TIDELAND TPSA69	1.03	0.87	4.89	1.03	0.80	3.69	1.73	6.3	422	23
STONEVILLE 7A	1.08	.90	5.22	1.09	.84	3.77	1.78	5.5	409	21
REX SMOOTHLEAF	1.08	.92	4.75	1.11	.85	3.65	1.70	6.1	441	27
DELTAPINE S.L.	1.11	.95	5.00	1.10	.84	3.32	1.82	7.8	416	21
STARDEL	1.09	.95	4.99	1.12	.88	4.21	1.98	5.2	411	19
COKER 124	1.07	.91	4.66	1.08	.85	3.84	1.96	6.0	435	25
AUBURN 56	1.07	.90	4.69	1.09	.86	3.56	1.69	6.8	450	32
DELFOS 9169	1.19	.96	4.63	1.19	.91	3.48	1.80	7.0	447	28

HOPE, ARKANSAS

DELTAPINE S.L.	1.03	0.83	4.58	1.06	0.85	3.82	1.95	7.9	449	30
STONEVILLE 7A	1.07	.89	4.56	1.05	.84	3.94	1.75	5.9	438	34
REX SMOOTHLEAF	1.05	.84	3.69	1.06	.84	3.75	1.81	6.2	495	39
STARDEL	1.05	.84	4.18	1.04	.81	4.23	1.98	5.3	469	35
AUBURN 56	1.07	.88	4.19	1.06	.84	3.80	1.98	6.6	471	45
COKER 124	1.09	.91	4.36	1.10	.89	3.99	2.05	6.8	476	36
DELFOS 9169	1.06	.86	3.78	1.07	.86	3.52	1.83	7.1	498	43
TIDELAND TPSA69	1.02	.85	4.23	1.02	.81	3.66	1.75	7.1	469	35

BOSSIER CITY, LOUISIANA

STONEVILLE 7A	1.05	0.88	5.07	1.06	0.85	3.89	1.76	5.8	415	21
DELFOS 9169	1.09	.91	4.62	1.09	.86	3.59	1.78	7.8	450	29
DELTAPINE S.L.	1.01	.86	4.92	1.03	.84	3.72	1.86	8.3	431	23
COKER 124	1.04	.87	4.28	1.04	.86	3.90	1.92	7.6	471	29
TIDELAND TPSA69	1.05	.90	4.88	1.05	.86	3.89	1.89	7.3	440	27
STARDEL	1.03	.85	4.94	1.05	.84	4.30	2.00	5.5	435	28
REX SMOOTHLEAF	1.04	.88	4.61	1.03	.81	3.69	1.66	6.9	449	30
AUBURN 56	.99	.80	4.27	1.01	.82	3.78	1.75	7.0	476	37

1963 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
AUBURN 56	619	A	5.82	79	35.9	12.0	0.50	1.09	118
STONEVILLE 7A	601	AB	5.32	86	36.9	11.0	.51	1.13	119
DELTAPINE S.L.	578	AB	5.38	86	37.1	10.6	.50	1.11	119
LANKART 57	568	AB	7.73	60	37.6	13.8	.48	1.03	099
PAYMASTER 101A	547	ABC	5.97	78	36.4	10.9	.47	.98	114
N. STAR 5	537	ABC	6.16	75	37.7	11.6	.48	1.05	110
LOCKETT 4789	533	ABC	6.59	70	35.9	12.2	.50	1.08	111
W. STORMPROOF	525	ABC	6.43	72	38.5	11.6	.47	1.01	104
BLIGHTMASTER	525	BC	5.85	79	35.3	11.5	.49	1.08	111
AUSTIN	516	BC	6.59	70	35.6	12.9	.49	1.09	115
GREGG	514	BC	5.98	78	34.1	12.3	.47	.99	127
PARROTT	467	C	5.98	77	38.1	11.5	.48	.98	107

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
CHIC'SHA, OKLA.	1005	7.33	62	35.2	12.2	0.52	1.10	122
ALTUS, OKLA.	962	6.55	70	35.9	11.7	.52	1.10	119
LUBBOCK, TEX.	524	5.69	82	37.3	12.3	.53	1.09	109
MCGREGOR, TEX.	438	5.32	86	40.3	10.1	.41	.97	106
HALFWAY, TEX.	389	6.37	72	33.6	11.9	.48	1.07	107
CHILL'THE, TEX.	286	6.58	70	36.7	13.6	.50	1.05	116
MANGUM, OKLA.	206	5.21	88	37.3	10.9	.46	.97	111

BOLL SIZE, GRAMS PER BOLL

LANKART 57	7.73	A
LOCKETT 4789	6.59	B
AUSTIN	6.59	B
W. STORMPROOF	6.43	B
N. STAR 5	6.16	BC
PARROTT	5.98	C
GREGG	5.98	C
PAYMASTER 101A	5.97	C
BLIGHTMASTER	5.85	C
AUBURN 56	5.82	C
DELTAPINE S.L.	5.38	D
STONEVILLE 7A	5.32	D

BOLL SIZE, NO. PER POUND

STONEVILLE 7A	86	A
DELTAPINE S.L.	86	A
BLIGHTMASTER	79	B
AUBURN 56	79	B
PAYMASTER 101A	78	B
GREGG	78	B
PARROTT	77	BC
N. STAR 5	75	BCD
W. STORMPROOF	72	CD
LOCKETT 4789	70	D
AUSTIN	70	D
LANKART 57	60	E

LINT PER CENT

W. STORMPROOF	38.5	A
PARROTT	38.1	AB
N. STAR 5	37.7	ABC
LANKART 57	37.6	ABC
DELTAPINE S.L.	37.1	ABCD
STONEVILLE 7A	36.9	BCD
PAYMASTER 101A	36.4	CDE
LOCKETT 4789	35.9	DE
AUBURN 56	35.9	DE
AUSTIN	35.6	DE
BLIGHTMASTER	35.3	EF
GREGG	34.1	F

1963 PLAINS REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
AUBURN 56	1.12	0.96	4.47	1.13	0.90	3.51	1.84	8.5	471	41
STONEVILLE 7A	1.17	1.00	4.69	1.17	.91	3.65	1.85	7.3	458	36
DELTAPINE S.L.	1.14	.97	4.62	1.15	.91	3.54	1.90	9.9	458	36
LANKART 57	1.04	.89	4.70	1.06	.85	3.13	1.63	10.3	452	39
PAYMASTER 101A	.99	.85	4.50	1.02	.85	3.65	1.90	8.0	455	36
N. STAR 5	1.07	.92	4.21	1.07	.85	3.46	1.75	7.3	488	50
LOCKETT 4789	1.10	.93	4.45	1.10	.88	3.49	1.81	8.4	473	43
W. STORMPROOF	1.02	.87	4.32	1.03	.83	3.57	1.72	6.9	478	44
BLIGHTMASTER	1.10	.93	4.28	1.08	.86	3.54	1.79	8.4	478	41
AUSTIN	1.11	.94	4.24	1.11	.87	3.56	1.80	7.3	481	42
GREGG	1.00	.87	4.34	1.02	.84	3.99	2.05	7.2	469	35
PARROTT	.99	.87	4.68	1.01	.84	3.40	1.73	8.0	448	35

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
CHIC'SHA, OKLA.	1.13	0.97	4.74	1.15	0.96	3.63	1.90	7.6	446	34
ALTUS, OKLA.	1.12	.98	4.62	1.12	.91	3.43	1.78	8.3	451	35
LUBBOCK, TEX.	1.09	.93	4.52	1.10	.88	3.12	1.76	9.5	458	39
MCGREGOR, TEX. HALFWAY, TEX.	1.05	.86	3.00	1.04	.80	3.15	1.68	9.2	591	79
CHILL'THE, TEX.	1.05	.91	4.99	1.07	.87	3.85	1.90	7.7	426	25
MANGUM, OKLA.	.98	.84	4.87	.99	.78	4.05	1.86	6.4	434	25

SEED INDEX

LANKART 57	13.8	A
AUSTIN	12.9	B
GREGG	12.3	BC
LOCKETT 4789	12.2	BC
AUBURN 56	12.0	C
N. STAR 5	11.6	CD
W. STORMPROOF	11.6	CD
PARROTT	11.5	CD
BLIGHTMASTER	11.5	CD
STONEVILLE 7A	11.0	DE
PAYMASTER 101A	10.9	DE
DELTAPINE S.L.	10.6	E

SPAN LENGTH, 50 PER CENT

STONEVILLE 7A	0.51	A
LOCKETT 4789	.50	AB
DELTAPINE S.L.	.50	AB
AUBURN 56	.50	AB
BLIGHTMASTER	.49	BC
AUSTIN	.49	BC
N. STAR 5	.48	CD
PARROTT	.48	CD
LANKART 57	.48	CD
W. STORMPROOF	.47	D
PAYMASTER 101A	.47	D
GREGG	.47	D

SPAN LENGTH, 2.5 PER CENT

STONEVILLE 7A	1.13	A
DELTAPINE S.L.	1.11	B
AUSTIN	1.09	C
AUBURN 56	1.09	C
LOCKETT 4789	1.08	C
BLIGHTMASTER	1.08	C
N. STAR 5	1.05	D
LANKART 57	1.03	E
W. STORMPROOF	1.01	F
GREGG	.99	G
PAYMASTER 101A	.98	G
PARROTT	.98	G

22'S

GREGG	127	A
STONEVILLE 7A	119	B
DELTAPINE S.L.	119	B
AUBURN 56	118	BC
AUSTIN	115	BCD
PAYMASTER 101A	114	CDE
LOCKETT 4789	111	DEF
BLIGHTMASTER	111	DEF
N. STAR 5	110	EF
PARROTT	107	FG
W. STORMPROOF	104	G
LANKART 57	99	H

GINNED LINT, UHM

STONEVILLE 7A	1.17	A
DELTAPINE S.L.	1.14	B
AUBURN 56	1.12	BC
AUSTIN	1.11	C
LOCKETT 4789	1.10	C
BLIGHTMASTER	1.10	C
N. STAR 5	1.07	D
LANKART 57	1.04	E
W. STORMPROOF	1.02	EF
GREGG	1.00	FG
PAYMASTER 101A	.99	G
PARROTT	.99	G

GINNED LINT, MEAN

STONEVILLE 7A	1.00	A
DELTAPINE S.L.	.97	B
AUBURN 56	.96	BC
AUSTIN	.94	CD
LOCKETT 4789	.93	D
BLIGHTMASTER	.93	D
N. STAR 5	.92	D
LANKART 57	.89	E
W. STORMPROOF	.87	EF
PARROTT	.87	EF
GREGG	.87	EF
PAYMASTER 101A	.85	F

MICRONAIRE

LANKART 57	4.70	A
STONEVILLE 7A	4.69	A
PARROTT	4.68	A
DELTAPINE S.L.	4.62	A
PAYMASTER 101A	4.50	AB
AUBURN 56	4.47	ABC
LOCKETT 4789	4.45	ABC
GREGG	4.34	BC
W. STORMPROOF	4.32	BC
BLIGHTMASTER	4.28	BC
AUSTIN	4.24	BC
N. STAR 5	4.21	C

DRAWING SLIVER, UHM

STONEVILLE 7A	1.17	A
DELTAPINE S.L.	1.15	AB
AUBURN 56	1.13	BC
AUSTIN	1.11	CD
LOCKETT 4789	1.10	DE
BLIGHTMASTER	1.08	EF
N. STAR 5	1.07	F
LANKART 57	1.06	F
W. STORMPROOF	1.03	G
PAYMASTER 101A	1.02	G
GREGG	1.02	G
PARROTT	1.01	G

DRAWING SLIVER, MEAN

STONEVILLE 7A	0.91	A
DELTAPINE S.L.	.91	A
AUBURN 56	.90	AB
LOCKETT 4789	.88	BC
AUSTIN	.87	CD
BLIGHTMASTER	.86	CDE
N. STAR 5	.85	DE
PAYMASTER 101A	.85	DE
LANKART 57	.85	DE
PARROTT	.84	DE
GREGG	.84	DE
W. STORMPROOF	.83	E

T0

GREGG	3.99	A
STONEVILLE 7A	3.65	B
PAYMASTER 101A	3.65	B
W. STORMPROOF	3.57	BC
AUSTIN	3.56	BC
DELTAPINE S.L.	3.54	BC
BLIGHTMASTER	3.54	BC
AUBURN 56	3.51	BC
LOCKETT 4789	3.49	BC
N. STAR 5	3.46	C
PARROTT	3.40	C
LANKART 57	3.13	D

T1

GREGG	2.05	A
PAYMASTER 101A	1.90	B
DELTAPINE S.L.	1.90	B
STONEVILLE 7A	1.85	BC
AUBURN 56	1.84	BC
LOCKETT 4789	1.81	BCD
AUSTIN	1.80	BCD
BLIGHTMASTER	1.79	CD
N. STAR 5	1.75	CD
PARROTT	1.73	D
W. STORMPROOF	1.72	DE
LANKART 57	1.63	E

E1

LANKART 57	10.3	A
DELTAPINE S.L.	9.9	A
AUBURN 56	8.5	B
LOCKETT 4789	8.4	B
BLIGHTMASTER	8.4	B
PAYMASTER 101A	8.0	B
PARROTT	8.0	B
N. STAR 5	7.3	C
STONEVILLE 7A	7.3	C
AUSTIN	7.3	C
GREGG	7.2	C
W. STORMPROOF	6.9	C

A

N. STAR 5	488	A
AUSTIN	481	A
W. STORMPROOF	478	AB
BLIGHTMASTER	478	AB
LOCKETT 4789	473	ABC
AUBURN 56	471	ABC
GREGG	469	ABCD
STONEVILLE 7A	458	BCD
DELTAPINE S.L.	458	BCD
PAYMASTER 101A	455	BCD
LANKART 57	452	CD
PARROTT	448	D

D

N. STAR 5	50	A
W. STORMPROOF	44	AB
LOCKETT 4789	43	B
AUSTIN	42	BC
BLIGHTMASTER	41	BC
AUBURN 56	41	BC
LANKART 57	39	BC
STONEVILLE 7A	36	C
PAYMASTER 101A	36	C
DELTAPINE S.L.	36	C
PARROTT	35	C
GREGG	35	C

1963 PLAINS REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

LUBBOCK, TEXAS

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
AUBURN 56	623	A	5.55	83	35.2	12.4	0.54	1.13	115
DELTAPINE S.L.	582	AB	4.79	95	37.9	11.5	.56	1.16	113
STONEVILLE 7A	581	AB	5.34	85	37.0	11.7	.55	1.16	116
LOCKETT 4789	547	ABC	6.58	69	36.2	14.2	.54	1.11	108
AUSTIN	534	ABC	6.53	70	37.4	13.6	.54	1.14	117
LANKART 57	532	ABC	7.73	59	38.8	14.2	.53	1.07	96
W. STORMPROOF	526	ABC	5.51	83	38.3	11.4	.51	1.05	98
BLIGHTMASTER	500	ABC	4.95	92	36.0	12.3	.52	1.13	109
N. STAR 5	499	ABC	5.90	78	39.6	12.1	.53	1.11	104
PAYMASTER 101A	482	BC	5.27	86	38.0	11.2	.50	1.01	105
PARROTT	440	C	5.29	86	38.2	11.7	.51	1.02	107
GREGG	439	C	4.82	95	35.1	11.8	.51	1.01	128

HALFWAY, TEXAS

AUBURN 56	619	A	6.30	72	33.4	12.4	0.50	1.10	114
AUSTIN	478	B	7.19	63	33.2	13.4	.49	1.11	115
PAYMASTER 101A	473	B	6.42	71	32.8	11.6	.48	1.02	106
GREGG	460	BC	6.10	75	32.0	12.2	.46	1.00	117
BLIGHTMASTER	384	BCD	6.17	74	33.6	12.8	.49	1.09	100
DELTAPINE S.L.	374	BCD	5.45	84	34.5	10.5	.50	1.12	117
LOCKETT 4789	368	BCD	7.43	61	34.4	11.8	.50	1.13	108
LANKART 57	344	BCD	8.00	57	34.1	15.7	.47	1.08	98
STONEVILLE 7A	330	CD	5.22	87	32.0	10.8	.47	1.12	113
N. STAR 5	293	D	5.81	79	33.0	11.6	.47	1.06	104
W. STORMPROOF	289	D	6.39	72	34.3	09.9	.48	1.03	101
PARROTT	259	D	6.02	76	36.1	11.0	.48	1.00	96

CHILLICOTHE, TEXAS

GREGG	387	A	6.90	66	34.3	14.3	0.50	1.00	134
LANKART 57	378	A	7.67	59	37.9	15.4	.51	1.03	101
LOCKETT 4789	339	A	7.08	65	37.8	13.3	.50	1.09	119
N. STAR 5	337	A	6.97	65	38.8	13.5	.47	1.05	111
DELTAPINE S.L.	278	B	6.04	75	37.5	11.6	.50	1.13	122
AUBURN 56	269	B	6.44	70	35.9	13.7	.52	1.11	113
AUSTIN	257	B	6.17	74	35.7	15.3	.51	1.07	114
BLIGHTMASTER	254	B	6.58	69	35.6	13.4	.50	1.08	116
PAYMASTER 101A	253	B	6.74	68	35.4	13.6	.48	0.98	123
W. STORMPROOF	229	B	7.17	64	39.3	13.5	.50	1.01	107
STONEVILLE 7A	228	B	5.04	92	36.0	12.6	.53	1.15	122
PARROTT	227	B	6.24	73	36.4	12.9	.47	0.98	107

ALTUS, OKLAHOMA

STONEVILLE 7A	1169	A	5.50	83	36.7	11.3	0.55	1.19	130
AUBURN 56	1115	AB	5.88	78	34.0	12.2	.54	1.14	127
DELTAPINE S.L.	1079	ABC	5.76	79	36.3	10.6	.53	1.15	126
LANKART 57	1059	ABC	8.91	51	37.1	12.8	.51	1.08	101
PAYMASTER 101A	1012	BCD	6.69	68	36.5	11.0	.52	1.03	119
W. STORMPROOF	987	BCD	6.96	66	39.0	11.9	.50	1.05	114
BLIGHTMASTER	950	CDE	6.22	73	34.4	11.0	.53	1.13	116
LOCKETT 4789	888	DEF	6.42	71	33.6	12.0	.52	1.13	117
AUSTIN	884	DEF	6.68	68	34.8	12.3	.51	1.15	120
N. STAR 5	829	EF	6.68	68	37.4	11.0	.53	1.10	117
PARROTT	799	F	6.42	71	37.4	11.7	.51	1.03	114
GREGG	767	F	6.46	71	33.5	12.9	.52	1.06	132

1963 PLAINS REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

LUBBOCK, TEXAS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRONAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
AUBURN 56	1.17	0.99	4.67	1.16	0.94	3.12	1.73	09.7	456	45
DELTAPINE S.L.	1.17	1.00	4.65	1.18	.94	3.13	1.82	12.0	456	34
STONEVILLE 7A	1.20	1.02	4.82	1.17	.92	3.36	1.78	8.9	442	36
LOCKETT 4789	1.12	.94	4.59	1.11	.89	3.24	1.73	9.7	454	44
AUSTIN	1.13	.95	4.58	1.14	.89	2.86	1.85	8.2	449	35
LANKART 57	1.06	.92	4.87	1.07	.86	2.79	1.53	12.0	441	38
W. STORMPROOF	1.05	.88	4.11	1.05	.83	3.08	1.65	8.0	479	43
BLIGHTMASTER	1.12	.95	4.12	1.10	.88	3.20	1.74	10.3	488	49
N. STAR 5	1.11	.94	4.33	1.11	.85	2.96	1.64	8.3	471	45
PAYMASTER 101A	1.01	.87	4.34	1.04	.87	3.15	1.84	9.5	451	38
PARROTT	1.00	.86	4.73	1.04	.86	3.03	1.68	9.0	440	33
GREGG	.99	.87	4.50	1.02	.85	3.61	2.20	8.8	468	31

HALFWAY, TEXAS

AUBURN 56	1.08	0.88	3.37	1.09	0.85	3.21	1.76	10.0	567	65
AUSTIN	1.07	.86	2.88	1.07	.82	3.34	1.79	7.8	621	85
PAYMASTER 101A	.98	.80	3.17	1.01	.79	3.07	1.67	9.0	540	79
GREGG	.98	.82	3.21	1.00	.79	3.53	1.84	7.8	572	66
BLIGHTMASTER	1.10	.91	3.30	1.05	.78	3.03	1.54	9.4	554	71
DELTAPINE S.L.	1.11	.90	3.13	1.10	.87	3.16	1.84	11.3	575	70
LOCKETT 4789	1.09	.89	2.63	1.07	.81	3.19	1.72	9.3	631	94
LANKART 57	1.04	.83	3.10	1.04	.81	2.94	1.61	10.8	580	82
STONEVILLE 7A	1.12	.90	2.95	1.09	.82	3.32	1.81	8.8	611	80
N. STAR 5	1.06	.86	2.52	1.02	.75	3.14	1.60	8.3	649	99
W. STORMPROOF	1.00	.83	2.61	1.00	.77	3.01	1.57	7.8	635	95
PARROTT	1.00	.86	3.21	1.00	.78	2.84	1.50	9.8	554	67

CHILLICOTHE, TEXAS

GREGG	1.00	0.87	4.78	1.01	0.84	4.52	2.12	07.1	429	24
LANKART 57	1.05	.89	5.02	1.08	.86	3.28	1.68	10.2	419	24
LOCKETT 4789	1.09	.95	5.14	1.13	.94	3.81	1.95	7.8	425	26
N. STAR 5	1.07	.92	4.81	1.07	.87	3.81	1.83	6.4	434	32
DELTAPINE S.L.	1.12	.96	5.04	1.13	.87	3.72	1.92	10.0	424	24
AUBURN 56	1.11	.95	4.84	1.11	.86	3.61	1.88	8.9	436	32
AUSTIN	1.06	.91	4.59	1.08	.82	3.88	1.74	7.0	434	27
BLIGHTMASTER	1.07	.93	4.89	1.08	.90	3.84	1.94	7.6	437	26
PAYMASTER 101A	.97	.85	5.03	1.01	.87	4.11	2.05	7.6	426	19
W. STORMPROOF	1.01	.87	5.03	1.01	.85	4.10	1.90	6.1	417	23
STONEVILLE 7A	1.16	1.02	5.29	1.18	.91	3.85	1.91	6.8	413	20
PARROTT	.96	.85	5.47	1.01	.85	3.74	1.91	7.5	414	27

ALTUS, OKLAHOMA

STONEVILLE 7A	1.21	1.05	4.83	1.21	0.96	3.63	1.82	07.2	438	32
AUBURN 56	1.15	1.02	4.68	1.16	.94	3.49	1.82	8.3	454	38
DELTAPINE S.L.	1.18	1.03	4.89	1.18	.94	3.51	1.90	9.7	437	33
LANKART 57	1.10	.97	5.04	1.11	.90	2.91	1.53	10.7	423	28
PAYMASTER 101A	1.05	.93	4.65	1.07	.89	3.44	1.83	8.4	447	28
W. STORMPROOF	1.06	.93	4.50	1.08	.88	3.42	1.68	7.6	460	38
BLIGHTMASTER	1.12	.97	4.35	1.12	.91	3.50	1.77	8.3	465	38
LOCKETT 4789	1.15	1.01	4.58	1.15	.91	3.36	1.78	8.8	461	37
AUSTIN	1.18	1.02	4.27	1.17	.92	3.53	1.79	7.4	464	42
N. STAR 5	1.10	.97	4.56	1.11	.91	3.38	1.72	7.6	462	43
PARROTT	1.06	.93	4.56	1.07	.89	3.23	1.71	8.2	451	32
GREGG	1.08	.97	4.59	1.08	.90	3.81	2.04	7.4	451	35

1963 PLAINS REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

MANGUM, OKLAHOMA

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
GREGG	260	A	4.76	96	34.6	12.2	0.42	0.89	119
LANKART 57	259	A	6.10	75	40.2	12.0	.43	.92	100
AUBURN 56	247	AB	5.12	89	36.1	10.1	.48	1.04	119
AUSTIN	217	ABC	5.67	80	36.8	12.0	.46	1.02	111
DELTAPINE S.L.	208	BCD	4.73	96	37.1	9.9	.47	1.01	114
STONEVILLE 7A	207	BCD	4.80	95	37.3	9.6	.48	1.05	110
LOCKETT 4789	204	BCD	5.58	82	36.3	11.0	.47	.99	105
PARROTT	197	CD	5.19	88	38.6	11.4	.45	.91	104
N. STAR 5	186	CDE	5.45	84	37.8	11.4	.47	.98	110
PAYMASTER 101A	179	CDE	4.60	99	36.5	9.8	.45	.92	118
BLIGHTMASTER	166	DE	4.77	95	35.7	10.0	.46	1.03	116
W. STORMPROOF	148	E	5.82	78	40.3	12.2	.45	.94	103

CHICKASHA, OKLAHOMA

N. STAR 5	1177	A	7.25	63	37.6	12.6	0.50	1.08	117
STONEVILLE 7A	1158	A	6.50	70	34.8	12.0	.57	1.22	134
DELTAPINE S.L.	1124	AB	6.46	71	35.9	10.6	.55	1.19	129
W. STORMPROOF	1075	ABC	7.86	58	38.8	12.0	.49	1.03	111
BLIGHTMASTER	1025	ABCD	7.08	64	34.4	11.2	.52	1.14	114
PAYMASTER 101A	1015	ABCDE	6.97	66	35.4	10.5	.49	1.01	123
AUBURN 56	974	BCDE	6.84	67	33.3	12.2	.54	1.15	131
LOCKETT 4789	965	BCDE	7.62	60	34.1	12.7	.54	1.15	119
LANKART 57	948	BCDE	8.74	52	36.3	13.9	.50	1.06	101
AUSTIN	904	CDE	8.02	57	33.3	13.4	.53	1.15	125
PARROTT	853	DE	7.12	64	36.6	11.9	.50	.99	112
GREGG	842	E	7.50	61	31.9	13.8	.52	1.05	144

MCGREGOR, TEXAS

STONEVILLE 7A	537	A	4.84	94	44.3	09.4	0.44	1.05	111
PARROTT	492	AB	5.58	81	43.6	10.1	.42	.93	108
AUBURN 56	489	AB	4.62	98	43.4	10.8	.42	1.00	106
LANKART 57	458	BC	6.96	65	38.9	12.8	.43	.97	96
GREGG	441	BCD	5.30	86	37.1	9.1	.39	.91	117
N. STAR 5	440	BCD	5.08	89	40.1	9.2	.40	.98	110
LOCKETT 4789	423	CD	5.46	83	39.0	10.3	.42	.99	103
W. STORMPROOF	420	CD	5.34	85	39.7	10.3	.40	.94	99
PAYMASTER 101A	417	CD	5.14	88	40.4	8.6	.40	.91	104
DELTAPINE S.L.	399	D	4.46	102	40.6	9.6	.41	.99	112
BLIGHTMASTER	396	D	5.16	88	37.8	10.1	.40	.96	106
AUSTIN	341	E	5.84	78	38.3	10.7	.39	.98	105

1963 PLAINS REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

MANGUM, OKLAHOMA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
GREGG	0.88	0.75	4.27	.91	0.73	4.37	1.94	5.5	452	25
LANKART 57	.92	.79	4.99	.97	.77	3.70	1.78	8.6	424	27
AUBURN 56	1.05	.91	4.62	1.06	.85	3.96	1.90	6.9	460	28
AUSTIN	1.04	.86	4.87	1.03	.78	4.13	1.74	6.0	441	24
DELTAPINE S.L.	1.04	.89	5.20	1.05	.82	4.07	1.96	7.5	414	23
STONEVILLE 7A	1.08	.92	5.39	1.08	.84	3.86	1.83	5.7	404	15
LOCKETT 4789	1.00	.85	5.00	1.00	.79	3.79	1.79	7.1	430	25
PARROTT	.91	.80	5.23	.93	.76	4.02	1.81	6.3	405	23
N. STAR 5	.99	.86	4.64	.99	.77	4.01	1.90	5.8	449	38
PAYMASTER 101A	.92	.79	4.90	.95	.75	4.49	2.14	5.9	439	25
BLIGHTMASTER	1.03	.87	4.51	.98	.76	4.12	1.87	6.6	459	27
W. STORMPROOF	.94	.82	4.86	.94	.74	4.12	1.70	5.5	437	28

CHICKASHA, OKLAHOMA

N. STAR 5	1.11	0.95	4.42	1.14	0.97	3.47	1.81	7.6	466	45
STONEVILLE 7A	1.26	1.09	4.88	1.28	1.05	3.89	1.98	6.6	442	32
DELTAPINE S.L.	1.21	1.04	4.84	1.26	1.03	3.65	2.00	8.9	440	31
W. STORMPROOF	1.04	.91	4.81	1.09	.92	3.67	1.84	6.4	442	39
BLIGHTMASTER	1.15	.98	4.49	1.16	.96	3.55	1.86	8.2	465	34
PAYMASTER 101A	1.04	.90	4.94	1.07	.91	3.68	1.86	7.7	430	26
AUBURN 56	1.16	1.00	4.64	1.20	.99	3.67	1.96	7.5	454	37
LOCKETT 4789	1.14	.97	4.77	1.17	.94	3.56	1.88	7.6	437	35
LANKART 57	1.09	.96	5.22	1.11	.93	3.18	1.68	9.6	426	34
AUSTIN	1.20	1.03	4.24	1.21	.99	3.61	1.90	7.3	480	40
PARROTT	1.03	.91	4.89	1.05	.89	3.53	1.81	7.4	425	31
GREGG	1.09	.97	4.71	1.12	.96	4.12	2.20	6.8	444	29

MCGREGOR, TEXAS

STONEVILLE 7A	-	-	-	-	-	-	-	-	-	-
PARROTT	-	-	-	-	-	-	-	-	-	-
AUBURN 56	-	-	-	-	-	-	-	-	-	-
LANKART 57	-	-	-	-	-	-	-	-	-	-
GREGG	-	-	-	-	-	-	-	-	-	-
N. STAR 5	-	-	-	-	-	-	-	-	-	-
LOCKETT 4789	-	-	-	-	-	-	-	-	-	-
W. STORMPROOF	-	-	-	-	-	-	-	-	-	-
PAYMASTER 101A	-	-	-	-	-	-	-	-	-	-
DELTAPINE S.L.	-	-	-	-	-	-	-	-	-	-
BLIGHTMASTER	-	-	-	-	-	-	-	-	-	-
AUSTIN	-	-	-	-	-	-	-	-	-	-

1963 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
ACALA 4447	1388	A	7.22	63	36.5	13.5	0.56	1.17	146
AUBURN 56	1352	A	6.03	76	34.6	12.0	.51	1.12	113
STONEVILLE 7A	1348	A	5.53	83	36.0	11.0	.53	1.16	114
STRAIN A	1309	A	6.90	66	34.6	12.9	.54	1.13	131
DELTAPINE S.L.	1290	AB	5.37	85	37.0	9.8	.52	1.14	116
ACALA 1517D	1264	AB	7.01	65	33.5	14.3	.59	1.25	152
AXTE	1256	AB	7.03	65	35.0	13.2	.54	1.16	128
ACALA 4-42	1252	AB	7.72	59	37.4	13.4	.56	1.16	132
ARIZONA C 12	1206	AB	7.88	58	36.4	14.2	.56	1.20	140
ARIZONA 5132	1196	AB	7.23	63	36.5	13.1	.56	1.17	141
ACALA 1517BR-2	1102	B	7.00	65	33.9	13.6	.56	1.21	150

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LBS.LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
BRAWLEY, CAL.	1620	6.23	73	32.5	12.3	0.53	1.13	132
U. PK., N. MEX.	1332	7.52	61	35.3	13.0	.51	1.15	119
TEMPE,ARIZ.	1240	6.40	72	35.2	13.4	.58	1.18	137
ARTESIA, N. M.	1213	7.21	64	36.0	13.0	.54	1.20	128
LOGANDALE, NEV.	1200	6.74	70	35.9	12.2	.53	1.14	132
SHAFTER, CAL.	1140	7.20	64	37.9	13.4	.58	1.18	143
MARANA, ARIZ.	1139	6.39	72	36.3	12.5	.54	1.17	131
YSLETA, TEX.	948	6.52	70	36.5	13.0	.58	1.21	142

BOLL SIZE, GRAMS PER BOLL

ARIZONA C 12	7.88	A
ACALA 4-42	7.72	A
ARIZONA 5132	7.23	B
ACALA 4447	7.22	B
AXTE	7.03	B
ACALA 1517D	7.01	B
ACALA 1517BR-2	7.00	B
STRAIN A	6.90	B
AUBURN 56	6.03	C
STONEVILLE 7A	5.53	D
DELTAPINE S.L.	5.37	D

BOLL SIZE, NO. PER POUND

DELTAPINE S.L.	85	A
STONEVILLE 7A	83	A
AUBURN 56	76	B
STRAIN A	66	C
ACALA 1517D	65	C
AXTE	65	C
ACALA 1517BR-2	65	C
ARIZONA 5132	63	C
ACALA 4447	63	C
ACALA 4-42	59	D
ARIZONA C 12	58	D

LINT PER CENT

ACALA 4-42	37.4	A
DELTAPINE S.L.	37.0	AB
ARIZONA 5132	36.5	AB
ACALA 4447	36.5	AB
ARIZONA C 12	36.4	AB
STONEVILLE 7A	36.0	BC
AXTE	35.0	CD
STRAIN A	34.6	DE
AUBURN 56	34.6	DE
ACALA 1517BR-2	33.9	DE
ACALA 1517D	33.5	E

1963 WESTERN REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF SEVEN LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
ACALA 4447	1.16	1.00	4.10	1.19	0.97	4.09	2.21	7.4	483	35
AUBURN 56	1.12	.92	4.17	1.14	.91	3.33	1.75	8.4	476	41
STONEVILLE 7A	1.15	.95	4.32	1.17	.91	3.49	1.73	7.4	466	37
STRAIN A	1.13	.97	4.36	1.16	.94	3.81	2.05	7.5	470	34
DELTAPINE S.L.	1.13	.92	4.21	1.16	.92	3.37	1.80	9.4	479	37
ACALA 1517D	1.25	1.08	4.16	1.26	1.01	3.94	2.24	7.6	485	35
AXTE	1.16	.98	4.36	1.18	.96	3.83	2.05	7.7	469	37
ACALA 4-42	1.15	.99	4.16	1.18	.97	3.72	2.08	8.1	482	41
ARIZONA C 12	1.20	1.03	4.53	1.23	1.00	4.17	2.23	6.9	450	35
ARIZONA 5132	1.17	1.02	4.37	1.20	.98	3.90	2.17	7.6	461	38
ACALA 1517BR-2	1.21	1.03	4.06	1.23	.99	4.17	2.21	6.8	479	34

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
BRAWLEY, CAL.	1.11	0.93	4.54	1.13	0.92	4.11	2.10	06.9	454	29
U. PK., N. MEX.	1.13	.93	4.01	1.18	.93	3.59	1.92	8.5	486	39
TEMPE, ARIZ.	1.17	1.01	4.71	1.20	.97	4.03	2.16	6.8	444	28
ARTESIA, N. M.	1.19	.99	4.00	1.22	.99	3.48	1.89	8.7	491	42
LOGANDALE, NEV.	1.14	.98	4.15	1.17	.96	3.82	2.01	7.5	487	43
SHAFTER, CAL.	1.20	1.04	4.40	1.19	.96	3.84	2.12	7.7	458	36
MARANA, ARIZ.	1.18	1.00	4.28	1.19	.94	3.78	2.05	7.4	468	34
YSLETA, TEX.	1.22	1.03	3.97	1.24	1.01	3.79	2.13	8.2	493	43

SEED INDEX			SPAN LENGTH, 50 PER CENT			SPAN LENGTH, 2.5 PER CENT		
ACALA 1517D	14.3	A	ACALA 1517D	0.59	A	ACALA 1517D	1.25	A
ARIZONA C 12	14.2	A	ARIZONA C 12	.56	B	ACALA 1517BR-2	1.21	B
ACALA 1517BR-2	13.6	B	ARIZONA 5132	.56	B	ARIZONA C 12	1.20	B
ACALA 4447	13.5	B	ACALA 1517BR-2	.56	B	ARIZONA 5132	1.17	C
ACALA 4-42	13.4	BC	ACALA 4447	.56	B	ACALA 4447	1.17	C
AXTE	13.2	BC	ACALA 4-42	.56	B	STONEVILLE 7A	1.16	CD
ARIZONA 5132	13.1	BC	STRAIN A	.54	C	AXTE	1.16	CD
STRAIN A	12.9	C	AXTE	.54	C	ACALA 4-42	1.16	CD
AUBURN 56	12.0	D	STONEVILLE 7A	.53	CD	DELTAPINE S.L.	1.14	DE
STONEVILLE 7A	11.0	E	DELTAPINE S.L.	.52	DE	STRAIN A	1.13	E
DELTAPINE S.L.	9.8	F	AUBURN 56	.51	E	AUBURN 56	1.12	E

22'S

ACALA 1517D	152	A
ACALA 1517BR-2	150	AB
ACALA 4447	146	B
ARIZONA 5132	141	C
ARIZONA C 12	140	C
ACALA 4-42	132	D
STRAIN A	131	D
AXTE	128	D
DELTAPINE S.L.	116	E
STONEVILLE 7A	114	E
AUBURN 56	113	E

GINNED LINT, UHM

ACALA 1517D	1.25	A
ACALA 1517BR-2	1.21	B
ARIZONA C 12	1.20	B
ARIZONA 5132	1.17	C
ACALA 4447	1.16	C
AXTE	1.16	C
STONEVILLE 7A	1.15	CD
ACALA 4-42	1.15	CD
STRAIN A	1.13	DE
DELTAPINE S.L.	1.13	DE
AUBURN 56	1.12	E

GINNED LINT, MEAN

ACALA 1517D	1.08	A
ARIZONA C 12	1.03	B
ACALA 1517BR-2	1.03	B
ARIZONA 5132	1.02	BC
ACALA 4447	1.00	CD
ACALA 4-42	.99	DE
AXTE	.98	DE
STRAIN A	.97	EF
STONEVILLE 7A	.95	F
DELTAPINE S.L.	.92	G
AUBURN 56	.92	G

MICRONAIRE

ARIZONA C 12	4.53	A
ARIZONA 5132	4.37	AB
STRAIN A	4.36	AB
AXTE	4.36	AB
STONEVILLE 7A	4.32	B
DELTAPINE S.L.	4.21	BC
AUBURN 56	4.17	BC
ACALA 1517D	4.16	BC
ACALA 4-42	4.16	BC
ACALA 4447	4.10	C
ACALA 1517BR-2	4.06	C

DRAWING SLIVER, UHM

ACALA 1517D	1.26	A
ARIZONA C 12	1.23	B
ACALA 1517BR-2	1.23	B
ARIZONA 5132	1.20	C
ACALA 4447	1.19	CD
AXTE	1.18	CDE
ACALA 4-42	1.18	CDE
STONEVILLE 7A	1.17	DE
STRAIN A	1.16	EF
DELTAPINE S.L.	1.16	EF
AUBURN 56	1.14	F

DRAWING SLIVER, MEAN

ACALA 1517D	1.01	A
ARIZONA C 12	1.00	AB
ACALA 1517BR-2	.99	ABC
ARIZONA 5132	.98	ABC
ACALA 4447	.97	BCD
ACALA 4-42	.97	BCD
AXTE	.96	CD
STRAIN A	.94	DE
DELTAPINE S.L.	.92	EF
STONEVILLE 7A	.91	F
AUBURN 56	.91	F

T0

ARIZONA C 12	4.17	A
ACALA 1517BR-2	4.17	A
ACALA 4447	4.09	A
ACALA 1517D	3.94	B
ARIZONA 5132	3.90	B
AXTE	3.83	BC
STRAIN A	3.81	BC
ACALA 4-42	3.72	C
STONEVILLE 7A	3.49	D
DELTAPINE S.L.	3.37	DE
AUBURN 56	3.33	E

T1

ACALA 1517D	2.24	A
ARIZONA C 12	2.23	AB
ACALA 1517BR-2	2.21	AB
ACALA 4447	2.21	AB
ARIZONA 5132	2.17	B
ACALA 4-42	2.08	C
STRAIN A	2.05	C
AXTE	2.05	C
DELTAPINE S.L.	1.80	D
AUBURN 56	1.75	DE
STONEVILLE 7A	1.73	E

E1

DELTAPINE S.L.	9.4	A
AUBURN 56	8.4	B
ACALA 4-42	8.1	B
AXTE	7.7	C
ARIZONA 5132	7.6	C
ACALA 1517D	7.6	C
STRAIN A	7.5	C
ACALA 4447	7.4	C
STONEVILLE 7A	7.4	C
ARIZONA C 12	6.9	D
ACALA 1517BR-2	6.8	D

A

ACALA 1517D	485	A
ACALA 4447	483	AB
ACALA 4-42	482	ABC
ACALA 1517BR-2	479	ABCD
DELTAPINE S.L.	479	ABCD
AUBURN 56	476	ABCD
STRAIN A	470	BCDE
AXTE	469	CDE
STONEVILLE 7A	466	DE
ARIZONA 5132	461	EF
ARIZONA C 12	450	F

D

AUBURN 56	41	A
ACALA 4-42	41	A
ARIZONA 5132	38	AB
STONEVILLE 7A	37	AB
DELTAPINE S.L.	37	AB
AXTE	37	AB
ARIZONA C 12	35	B
ACALA 4447	35	B
ACALA 1517D	35	B
ACALA 1517BR-2	34	B
STRAIN A	34	B

1963 WESTERN REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

SHAFTER, CALIFORNIA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
STRAIN A	1385	A	7.10	64	37.4	13.8	0.56	1.11	142
AXTE	1289	B	7.30	62	37.6	13.4	.58	1.19	134
ACALA 4447	1275	B	7.30	62	39.3	14.1	.60	1.19	156
ACALA 4-42	1257	B	8.60	53	40.4	13.8	.59	1.18	140
AUBURN 56	1237	B	6.30	73	37.8	12.3	.55	1.13	118
STONEVILLE 7A	1106	C	6.20	74	38.8	12.1	.57	1.17	125
ACALA 1517D	1079	CD	7.10	64	35.2	14.6	.62	1.25	169
ARIZONA C 12	1038	CDE	8.20	56	37.7	14.8	.58	1.17	145
ACALA 1517BR-2	996	DEF	7.60	60	36.1	14.4	.60	1.22	157
ARIZONA 5132	951	EF	8.00	57	38.0	13.9	.59	1.20	153
DELTAPINE S.L.	928	F	5.50	83	38.3	10.0	.55	1.16	134

BRAWLEY, CALIFORNIA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
STONEVILLE 7A	2034	A	5.12	89	32.6	10.5	0.50	1.12	115
DELTAPINE S.L.	1819	B	5.46	83	33.7	9.9	.49	1.10	113
AUBURN 56	1743	BC	5.69	80	30.9	11.5	.49	1.08	115
ACALA 4447	1642	BCD	6.68	68	32.9	12.9	.53	1.14	145
STRAIN A	1625	BCD	6.49	70	31.9	12.6	.53	1.10	130
AXTE	1598	CDE	6.42	71	33.3	12.1	.52	1.11	127
ACALA 1517D	1524	DE	6.47	70	30.1	14.2	.58	1.22	160
ARIZONA C 12	1497	DE	6.79	67	33.8	13.8	.55	1.17	140
ARIZONA 5132	1492	DE	6.23	73	33.0	11.7	.54	1.13	139
ACALA 4-42	1437	DE	6.75	67	34.3	13.2	.53	1.09	127
ACALA 1517BR-2	1413	E	6.44	71	31.2	13.2	.57	1.20	148

TEMPE, ARIZONA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
DELTAPINE S.L.	1573	A	5.34	85	37.5	10.2	0.52	1.13	116
STONEVILLE 7A	1501	A	5.28	86	36.8	10.8	.55	1.17	116
STRAIN A	1367	B	6.78	67	34.8	13.8	.59	1.17	140
AUBURN 56	1342	BC	5.75	79	33.9	12.2	.55	1.15	118
ACALA 4447	1258	CD	6.59	69	35.9	14.0	.59	1.19	150
AXTE	1245	D	6.58	69	34.4	14.0	.57	1.17	136
ARIZONA C 12	1146	E	7.57	60	36.3	15.1	.61	1.22	147
ARIZONA 5132	1110	E	6.48	70	35.3	13.3	.59	1.19	146
ACALA 1517D	1097	E	6.59	69	32.2	15.4	.63	1.28	155
ACALA 4-42	1056	E	7.09	64	37.0	13.8	.58	1.16	134
ACALA 1517BR-2	941	F	6.40	71	33.2	14.4	.59	1.23	152

MARANA, ARIZONA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
ARIZONA 5132	1375	A	6.88	66	37.7	12.8	0.56	1.16	148
ARIZONA C 12	1301	AB	7.69	59	37.8	14.5	.57	1.24	138
ACALA 4447	1247	BC	6.88	66	36.5	13.3	.55	1.15	139
AUBURN 56	1199	BC	5.76	79	35.0	11.5	.52	1.13	111
ACALA 4-42	1171	C	7.10	64	38.0	13.2	.56	1.16	130
ACALA 1517D	1152	C	6.58	69	33.5	14.1	.57	1.25	148
STONEVILLE 7A	1128	CD	5.16	88	37.5	10.5	.55	1.19	107
DELTAPINE S.L.	1014	DE	5.00	91	38.2	9.2	.51	1.14	120
AXTE	1010	DE	6.59	69	35.6	12.9	.53	1.15	128
ACALA 1517BR-2	998	E	6.58	69	34.4	13.2	.54	1.21	149
STRAIN A	932	E	6.14	74	34.8	12.4	.55	1.13	126

1963 WESTERN REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

SHAFTER, CALIFORNIA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
STRAIN A	1.16	1.02	4.74	1.16	0.96	3.78	2.13	07.3	442	33
AXTE	1.19	1.04	4.39	1.19	.94	3.70	2.05	7.7	452	35
ACALA 4447	1.19	1.05	4.28	1.20	.95	4.17	2.29	7.0	470	33
ACALA 4-42	1.19	1.04	4.17	1.20	.97	3.62	2.04	7.7	482	40
AUBURN 56	1.14	.98	4.47	1.14	.93	3.42	1.88	8.8	452	34
STONEVILLE 7A	1.20	1.04	4.44	1.20	.93	3.46	1.81	7.7	457	41
ACALA 1517D	1.28	1.12	4.45	1.25	.99	4.19	2.42	7.0	455	37
ARIZONA C 12	1.19	1.04	4.87	1.20	1.00	4.22	2.31	6.7	429	34
ACALA 1517BR-2	1.23	1.09	4.27	1.23	0.98	4.29	2.24	6.4	462	31
ARIZONA 5132	1.22	1.07	4.24	1.22	1.01	3.92	2.21	8.0	450	44
DELTAPINE S.L.	1.18	1.01	4.06	1.19	0.92	3.48	1.93	11.0	483	41

BRAWLEY, CALIFORNIA

STONEVILLE 7A	1.08	0.86	4.64	1.10	0.86	3.67	1.73	6.3	455	31
DELTAPINE S.L.	1.08	.91	4.73	1.10	.88	3.61	1.83	8.4	445	23
AUBURN 56	1.06	.88	4.42	1.08	.87	3.51	1.74	7.5	467	42
ACALA 4447	1.10	.92	4.48	1.14	.93	4.34	2.28	6.5	464	26
STRAIN A	1.09	.93	4.59	1.10	.91	4.16	2.12	6.9	456	24
AXTE	1.10	.92	4.56	1.10	.88	4.09	2.12	7.3	447	33
ACALA 1517D	1.20	1.04	4.38	1.22	.99	4.37	2.31	7.2	462	26
ARIZONA C 12	1.15	.99	4.73	1.17	.95	4.52	2.26	6.5	440	31
ARIZONA 5132	1.14	.99	4.68	1.14	.94	4.38	2.28	6.9	439	30
ACALA 4-42	1.08	.91	4.49	1.13	.93	3.92	2.06	7.2	461	34
ACALA 1517BR-2	1.16	.94	4.30	1.20	.98	4.69	2.36	5.8	455	22

TEMPE, ARIZONA

DELTAPINE S.L.	1.14	0.94	4.89	1.16	0.94	3.56	1.85	7.9	430	23
STONEVILLE 7A	1.15	.94	5.07	1.18	.92	3.72	1.76	6.5	427	20
STRAIN A	1.13	.98	4.94	1.17	.95	4.18	2.24	6.3	439	24
AUBURN 56	1.13	.95	4.78	1.14	.91	3.45	1.83	7.1	441	32
ACALA 4447	1.17	1.02	4.52	1.20	.99	4.37	2.38	6.6	454	31
AXTE	1.17	1.00	4.85	1.20	.97	3.96	2.20	7.1	446	34
ARIZONA C 12	1.20	1.03	5.02	1.24	.99	4.45	2.36	6.1	425	26
ARIZONA 5132	1.18	1.05	4.53	1.20	.98	4.18	2.30	6.7	446	31
ACALA 1517D	1.28	1.13	4.58	1.31	1.07	4.14	2.31	6.7	460	29
ACALA 4-42	1.17	1.01	4.32	1.18	.98	3.81	2.17	7.7	458	34
ACALA 1517BR-2	1.22	1.06	4.29	1.26	1.03	4.55	2.43	5.8	462	28

MARANA, ARIZONA

ARIZONA 5132	1.17	1.02	4.67	1.20	0.95	3.94	2.13	7.3	445	31
ARIZONA C 12	1.25	1.07	4.49	1.25	1.01	4.13	2.27	6.6	443	34
ACALA 4447	1.18	1.02	4.22	1.20	.96	4.15	2.21	6.9	474	31
AUBURN 56	1.13	.93	4.29	1.14	.90	3.27	1.72	8.4	471	37
ACALA 4-42	1.16	1.00	4.00	1.20	.96	3.68	2.11	8.4	489	43
ACALA 1517D	1.26	1.08	4.15	1.26	1.00	3.91	2.23	7.2	482	36
STONEVILLE 7A	1.21	1.03	4.42	1.17	.88	3.49	1.71	6.7	440	26
DELTAPINE S.L.	1.12	.90	4.03	1.15	.89	3.34	1.83	9.2	486	36
AXTE	1.16	.97	4.40	1.19	.94	3.79	2.03	7.4	465	39
ACALA 1517BR-2	1.24	1.08	4.13	1.24	.97	4.16	2.29	6.4	475	31
STRAIN A	1.13	.98	4.26	1.16	.95	3.73	2.01	7.3	476	38

1963 WESTERN REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

UNIVERSITY PARK, NEW MEXICO

VARIETY	YIELD LBS.LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
ACALA 4447	1585	A	7.97	57	36.6	12.9	0.52	1.16	133
DELTAPINE S.L.	1455	AB	6.21	73	37.7	10.4	.47	1.11	99
ACALA 1517D	1437	AB	7.77	59	33.4	14.8	.57	1.24	134
AUBURN 56	1427	AB	6.55	69	34.5	12.3	.45	1.06	98
STONEVILLE 7A	1306	B	6.28	73	35.5	11.4	.48	1.13	100
ACALA 4-42	1294	B	8.37	55	36.7	13.5	.52	1.13	122
ARIZONA 5132	1293	B	7.97	57	37.0	13.3	.53	1.17	129
STRAIN A	1233	B	7.62	60	34.5	12.9	.52	1.12	117
ACALA 1517BR-2	1222	B	7.69	59	33.2	13.9	.53	1.20	140
ARIZONA C 12	1207	B	8.39	55	35.4	14.6	.53	1.19	131
AXTE	1198	B	7.88	58	34.1	13.2	.50	1.11	111

YSLETA, TEXAS

ACALA 4447	1089	A	6.16	74	37.6	12.7	.60	1.22	157
ARIZONA C 12	1060	AB	7.22	63	36.9	14.6	.59	1.26	153
AXTE	1045	AB	6.42	71	37.1	12.5	.55	1.18	136
ARIZONA 5132	1026	AB	6.82	67	37.7	12.0	.59	1.20	143
ACALA 1517BR-2	939	ABC	6.42	71	35.3	13.2	.59	1.24	157
ACALA 4-42	886	BC	7.10	64	36.5	13.0	.60	1.21	148
ACALA 1517D	774	C	5.97	77	35.1	13.2	.62	1.28	161
STRAIN A	767	C	6.07	75	36.0	12.7	.57	1.16	137
AUBURN 56							.55	1.21	126
DELTAPINE S.L.							.56	1.18	124
STONEVILLE 7A							.56	1.17	121

LOGANDALE, NEVADA

ACALA 4447	1462	A	7.36	62	38.4	12.9	0.52	1.12	148
ACALA 4-42	1394	AB	8.30	55	38.3	13.4	.53	1.10	125
ACALA 1517D	1351	ABC	6.92	66	35.3	12.9	.55	1.22	146
STRAIN A	1271	BC	7.04	65	33.6	12.5	.51	1.11	130
ARIZONA 5132	1269	BC	7.44	61	37.9	12.6	.54	1.14	147
AXTE	1234	BC	7.00	66	34.9	12.5	.54	1.16	130
ARIZONA C 12	1226	C	8.08	56	37.9	14.0	.54	1.16	132
AUBURN 56	1189	C	5.66	81	35.3	11.5	.50	1.09	112
STONEVILLE 7A	964	D	4.76	96	34.0	10.1	.50	1.16	114
DELTAPINE S.L.	960	D	4.68	97	35.9	9.2	.51	1.13	113
ACALA 1517BR-2	887	D	6.94	65	33.7	12.8	.54	1.20	155

ARTESIA, NEW MEXICO

STONEVILLE 7A	1395	A	5.94	77	36.7	11.6	0.53	1.17	116
STRAIN A	1349	A	7.17	63	35.5	12.8	.53	1.14	124
AUBURN 56	1325	A	6.66	70	34.8	12.5	.52	1.15	107
DELTAPINE S.L.	1282	A	5.44	84	38.0	10.1	.55	1.20	113
ACALA 1517BR-2	1256	AB	7.41	62	35.6	13.7	.53	1.20	143
ACALA 4447	1245	AB	7.78	59	36.2	14.2	.57	1.20	142
AXTE	1220	AB	7.47	61	35.5	14.3	.53	1.22	126
ACALA 1517D	1208	AB	7.63	60	34.6	14.5	.57	1.26	143
ACALA 4-42	1153	AB	7.87	58	37.4	13.3	.59	1.26	134
ARIZONA C 12	1029	BC	8.49	54	35.8	12.6	.56	1.23	134
ARIZONA 5132	884	C	7.60	60	36.6	14.1	.54	1.18	127

1963 WESTERN REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

UNIVERSITY PARK, NEW MEXICO

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
ACALA 4447	1.14	0.96	3.82	1.19	0.97	3.94	2.04	8.8	502	35
DELTAPINE S.L.	1.10	.87	3.83	1.12	.87	3.21	1.73	10.0	500	39
ACALA 1517D	1.22	1.02	3.86	1.26	1.01	3.56	2.05	8.8	495	39
AUBURN 56	1.06	.84	3.84	1.09	.85	3.18	1.67	9.1	490	47
STONEVILLE 7A	1.11	.88	4.09	1.14	.88	3.36	1.69	7.7	476	43
ACALA 4-42	1.12	.94	4.14	1.18	.97	3.50	1.99	8.6	485	42
ARIZONA 5132	1.16	.97	4.04	1.20	.95	3.69	2.05	8.3	481	35
STRAIN A	1.11	.92	4.12	1.16	.93	3.49	1.92	8.3	484	35
ACALA 1517BR-2	1.18	.95	3.99	1.22	.95	4.14	2.02	7.7	484	38
ARIZONA C 12	1.17	.96	4.22	1.24	.98	3.92	2.09	7.6	475	42
AXTE	1.11	.92	4.14	1.16	.93	3.55	1.89	8.4	478	35

YSLETA, TEXAS

ACALA 4447	1.23	1.06	3.90	1.24	1.04	4.01	2.26	8.0	497	38
ARIZONA C 12	1.27	1.10	4.14	1.29	1.07	4.13	2.28	7.1	469	40
AXTE	1.21	1.03	4.11	1.22	1.02	3.77	2.17	8.3	485	48
ARIZONA 5132	1.23	1.07	4.26	1.26	1.07	3.90	2.25	8.0	468	42
ACALA 1517BR-2	1.25	1.08	3.88	1.29	1.10	4.14	2.30	7.2	505	43
ACALA 4-42	1.20	1.05	3.69	1.18	.92	3.80	2.22	8.5	517	51
ACALA 1517D	1.30	1.10	3.55	1.28	.99	3.93	2.36	8.3	533	40
STRAIN A	1.18	1.02	4.04	1.20	1.00	3.75	2.13	7.9	495	42
AUBURN 56	1.22	.98	3.96	1.24	.99	3.49	1.79	8.0	490	39
DELTAPINE S.L.	1.18	.96	4.03	1.22	.98	3.32	1.86	10.0	490	42
STONEVILLE 7A	1.16	.95	4.08	1.20	.96	3.44	1.79	8.7	478	47

LOGANDALE, NEVADA

ACALA 4447	1.12	0.96	3.62	1.15	0.93	3.99	2.12	7.8	508	47
ACALA 4-42	1.10	.96	4.58	1.16	.99	3.78	2.11	7.9	462	46
ACALA 1517D	1.23	1.06	4.30	1.25	1.02	3.92	2.19	7.4	498	41
STRAIN A	1.11	.96	4.33	1.13	.91	3.99	1.97	7.0	472	39
ARIZONA 5132	1.14	1.01	4.50	1.20	1.01	3.88	2.19	7.0	465	47
AXTE	1.13	.98	4.35	1.18	.97	3.90	1.99	7.2	494	36
ARIZONA C 12	1.17	1.02	4.53	1.19	.99	4.29	2.26	7.1	451	32
AUBURN 56	1.09	.92	3.60	1.11	.91	3.30	1.71	8.2	508	50
STONEVILLE 7A	1.15	.91	3.85	1.15	.90	3.50	1.64	7.3	513	56
DELTAPINE S.L.	1.11	.87	4.05	1.14	.90	3.38	1.73	9.4	504	49
ACALA 1517BR-2	1.24	1.09	3.93	1.23	1.01	4.07	2.21	6.7	487	33

ARTESIA, NEW MEXICO

STONEVILLE 7A	1.19	0.99	4.02	1.21	0.96	3.33	1.71	8.6	479	36
STRAIN A	1.14	.96	3.89	1.20	.97	3.45	1.91	9.0	500	42
AUBURN 56	1.13	.91	4.01	1.18	.94	3.06	1.66	9.9	491	45
DELTAPINE S.L.	1.18	.95	4.05	1.23	1.00	3.12	1.65	9.8	494	45
ACALA 1517BR-2	1.17	.96	3.71	1.19	.93	3.36	1.88	8.3	503	49
ACALA 4447	1.18	1.00	3.98	1.21	1.01	3.78	2.08	8.0	495	41
AXTE	1.21	1.00	4.08	1.25	1.01	3.91	1.93	8.7	486	40
ACALA 1517D	1.26	1.07	4.06	1.29	1.04	3.53	2.05	8.7	494	37
ACALA 4-42	1.23	1.02	3.89	1.26	1.02	3.64	1.97	8.7	502	41
ARIZONA C 12	1.25	1.07	4.24	1.28	1.06	3.73	2.06	7.7	470	44
ARIZONA 5132	1.16	.97	4.06	1.18	.97	3.34	1.93	8.9	494	47

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF NINE LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	YIELD LBS. LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
P12	795 A	3.97	115	38.9	12.5	0.65	1.37	172
1043	780 AB	3.50	131	36.3	12.0	.65	1.35	174
P14	754 AB	3.66	124	35.9	12.6	.66	1.39	184
PIMA S-2	747 ABC	3.54	129	36.9	11.9	.63	1.34	168
CB 58	721 BCD	3.49	130	34.4	12.1	.63	1.42	161
1044	683 CD	3.59	127	34.0	12.4	.65	1.43	173
P13	674 D	3.63	125	37.4	12.3	.63	1.36	182
1048A	662 D	3.28	139	33.4	12.9	.68	1.47	178
PIMA S-1	589 E	3.70	123	33.8	12.5	.66	1.39	176

LOCATIONS COMBINING VARIETIES

LOCATION	YIELD LBS. LINT PER ACRE	BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
MARANA, ARIZ.	1039	3.69	124	36.0	12.2	0.66	1.41	181
YSLETA, TEX.	875	3.67	124	36.1	12.5	.65	1.40	173
U. PK., N. MEX.	774	3.71	122	36.3	12.4	.64	1.37	172
SAFFORD, ARIZ.	763	3.73	122	36.6	12.2	.63	1.39	170
LA MESA, N. M.	687	3.83	119	36.9	12.1	.64	1.38	170
FABENS, TEX.	621	3.31	137	34.8	12.6	.65	1.39	174
PEORIA, ARIZ.	580	3.29	139	34.3	12.7	.65	1.37	171
TORNILLO, TEX.	552	3.60	127	36.7	11.9	.65	1.39	171
TEMPE, ARIZ.	514	3.52	130	33.6	12.7	.66	1.43	186

BOLL SIZE, GRAMS PER BOLL		BOLL SIZE, NO. PER POUND		LINT PER CENT	
P12	3.97 A	1048A	139 A	P12	38.9 A
PIMA S-1	3.70 B	1043	131 B	P13	37.4 B
P14	3.66 BC	CB 58	130 BC	PIMA S-2	36.9 B
P13	3.63 BCD	PIMA S-2	129 BCD	1043	36.3 C
1044	3.59 BCD	1044	127 BCDE	P14	35.9 C
PIMA S-2	3.54 CD	P13	125 CDE	CB 58	34.4 D
1043	3.50 D	P14	124 DE	1044	34.0 DE
CB 58	3.49 D	PIMA S-1	123 E	PIMA S-1	33.8 EF
1048A	3.28 E	P12	115 F	1048A	33.4 F

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
REGIONAL SUMMARY OF NINE LOCATIONS

VARIETIES COMBINING LOCATIONS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
P12	1.36	1.15	3.91	1.33	1.05	4.38	2.79	9.4	508	36
1043	1.33	1.14	3.88	1.33	1.05	4.36	2.76	9.5	510	40
P14	1.36	1.16	3.68	1.34	1.07	4.67	3.04	8.8	527	35
PIMA S-2	1.33	1.12	3.87	1.30	1.02	4.45	2.77	8.5	508	31
CB 58	1.40	1.15	3.67	1.35	1.03	4.29	2.66	8.8	522	41
1044	1.39	1.16	3.58	1.36	1.04	4.40	2.78	9.1	532	41
P13	1.34	1.14	3.66	1.32	1.03	4.69	3.04	8.7	525	41
1048A	1.44	1.22	3.86	1.41	1.10	4.63	2.92	7.6	510	34
PIMA S-1	1.35	1.15	3.58	1.33	1.05	4.41	2.78	9.1	542	40

LOCATIONS COMBINING VARIETIES

LOCATION	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
MARANA, ARIZ.	1.38	1.19	4.04	1.37	1.10	4.63	2.97	8.7	496	32
YSLETA, TEX.	1.37	1.14	3.72	1.34	1.03	4.38	2.79	9.1	525	42
U. PK., N. MEX.	1.37	1.17	3.73	1.36	1.11	4.45	2.78	9.3	526	43
SAFFORD, ARIZ.	1.35	1.11	3.39	1.30	1.00	4.30	2.73	8.8	556	47
LA MESA, N. M.	1.35	1.14	3.62	1.36	1.12	4.46	2.73	9.3	534	44
FABENS, TEX.	1.37	1.17	3.87	1.34	1.02	4.40	2.80	9.3	508	28
PEORIA, ARIZ.	1.35	1.16	3.97	1.32	1.01	4.47	2.87	8.1	501	31
TORNILLO, TEX.	1.35	1.15	3.80	1.31	.98	4.43	2.83	8.7	506	30
TEMPE, ARIZ.	1.40	1.16	3.56	1.36	1.07	4.75	3.04	8.4	533	41

SEED INDEX		SPAN LENGTH, 50 PER CENT		SPAN LENGTH, 2.5 PER CENT	
1048A	12.9 A	1048A	0.68 A	1048A	1.47 A
P14	12.6 B	P14	.66 B	1044	1.43 B
P12	12.5 B	PIMA S-1	.66 B	CB 58	1.42 B
PIMA S-1	12.5 B	P12	.65 B	P14	1.39 C
1044	12.4 B	1044	.65 B	PIMA S-1	1.39 C
P13	12.3 BC	1043	.65 B	P12	1.37 CD
CB 58	12.1 CD	P13	.63 C	P13	1.36 DE
1043	12.0 D	CB 58	.63 C	1043	1.35 DE
PIMA S-2	11.9 D	PIMA S-2	.63 C	PIMA S-2	1.34 E

22'S

P14.	184	A
P13	182	AB
1048A	178	BC
PIMA S-1	176	CD
1043	174	CD
1044	173	CDE
P12	172	DE
PIMA S-2	168	E
CB 58	161	F

GINNED LINT, UHM

1048A	1.44	A
CB 58	1.40	B
1044	1.39	B
P14	1.36	C
P12	1.36	C
PIMA S-1	1.35	CD
P13	1.34	CD
1043	1.33	D
PIMA S-2	1.33	D

GINNED LINT, MEAN

1048A	1.22	A
P14	1.16	B
1044	1.16	B
P12	1.15	B
CB 58	1.15	B
PIMA S-1	1.15	B
P13	1.14	BC
1043	1.14	BC
PIMA S-2	1.12	C

MICRONAIRE

P12	3.91	A
1043	3.88	A
PIMA S-2	3.87	A
1048A	3.86	A
P14	3.68	B
CB 58	3.67	B
P13	3.66	B
1044	3.58	B
PIMA S-1	3.58	B

DRAWING SLIVER, UHM

1048A	1.41	A
1044	1.36	B
CB 58	1.35	BC
P14	1.34	CD
P12	1.33	DE
1043	1.33	DE
PIMA S-1	1.33	DE
P13	1.32	E
PIMA S-2	1.30	F

DRAWING SLIVER, MEAN

1048A	1.10	A
P14	1.07	B
P12	1.05	BC
1043	1.05	BC
PIMA S-1	1.05	BC
1044	1.04	CD
P13	1.03	CD
CB 58	1.03	CD
PIMA S-2	1.02	D

T0

P13	4.69	A
P14	4.67	A
1048A	4.63	A
PIMA S-2	4.45	B
PIMA S-1	4.41	BC
1044	4.40	BC
P12	4.38	BC
1043	4.36	CD
CB 58	4.29	D

T1

P14	3.04	A
P13	3.04	A
1048A	2.92	B
P12	2.79	C
1044	2.78	C
PIMA S-1	2.78	C
PIMA S-2	2.77	C
1043	2.76	C
CB 58	2.66	D

E1

1043	9.5	A
P12	9.4	A
1044	9.1	B
PIMA S-1	9.1	B
P14	8.8	C
CB 58	8.8	C
P13	8.7	CD
PIMA S-2	8.5	D
1048A	7.6	E

A

PIMA S-1	542	A
1044	532	AB
P14	527	B
P13	525	B
CB 58	522	B
1048A	510	C
1043	510	C
P12	508	C
PIMA S-2	508	C

D

P13	41	A
1044	41	A
CB 58	41	A
1043	40	A
PIMA S-1	40	A
P12	36	B
P14	35	B
1048A	34	BC
PIMA S-2	31	C

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

TEMPE, ARIZONA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
PIMA S-2	666	A	3.37	135	35.1	12.1	0.63	1.36	174
P14	608	AB	3.77	121	33.9	13.3	.68	1.45	198
P12	561	BC	3.89	117	36.9	12.8	.67	1.43	186
CB 58	561	BC	3.44	132	31.9	12.5	.61	1.44	169
P13	557	BC	3.87	118	35.8	12.8	.65	1.40	194
1048A	502	C	3.08	147	31.0	13.5	.70	1.52	191
1043	404	D	3.06	149	35.7	11.4	.66	1.36	189
1044	394	D	3.47	131	31.2	12.7	.66	1.45	184
PIMA S-1	377	D	3.76	121	30.8	13.4	.67	1.44	188

MARANA, ARIZONA

P12	1200	A	4.08	112	39.6	12.5	0.67	1.43	187
P14	1155	AB	3.92	116	36.7	12.5	.68	1.41	187
CB 58	1091	ABC	3.41	134	34.8	11.9	.68	1.44	164
PIMA S-2	1059	ABC	3.61	126	37.2	11.6	.65	1.39	172
P13	1026	ABC	3.76	121	37.6	12.4	.64	1.38	191
1043	1006	BC	3.57	127	37.5	11.4	.66	1.36	188
PIMA S-1	971	C	4.06	112	33.4	12.6	.68	1.44	176
1044	920	C	3.53	129	34.2	12.4	.65	1.45	184
1048A	919	C	3.28	139	32.9	13.0	.67	1.45	179

SAFFORD, ARIZONA

P12	906	A	4.07	112	39.6	12.8	0.64	1.36	165
1043	844	AB	3.76	121	36.9	11.7	.62	1.35	174
CB 58	791	B	3.67	124	35.3	11.9	.59	1.40	151
PIMA S-2	785	B	3.66	124	37.7	12.0	.61	1.35	166
1044	778	B	3.59	126	34.6	12.1	.61	1.40	161
P14	753	B	3.92	116	36.3	13.1	.66	1.41	185
1048A	740	B	3.52	129	34.9	12.4	.67	1.48	174
P13	636	C	3.71	123	38.5	11.8	.63	1.37	177
PIMA S-1	630	C	3.73	122	35.6	12.0	.67	1.41	174

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

TEMPE, ARIZONA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
PIMA S-2	1.34	1.11	3.68	1.32	1.03	4.59	2.89	8.2	515	35
P14	1.41	1.20	3.37	1.36	1.08	4.86	3.24	8.4	561	35
P12	1.40	1.16	3.69	1.36	1.11	4.66	3.01	9.3	523	40
CB 58	1.43	1.19	3.64	1.37	1.02	4.47	2.79	7.9	498	39
P13	1.38	1.16	3.59	1.35	1.06	5.03	3.24	8.4	541	48
1048A	1.48	1.22	3.62	1.44	1.14	5.02	3.18	6.5	529	38
1043	1.36	1.12	3.70	1.35	1.06	4.62	3.04	9.2	524	50
1044	1.42	1.13	3.33	1.39	1.08	4.73	3.03	8.8	557	45
PIMA S-1	1.41	1.18	3.41	1.36	1.05	4.78	2.99	8.7	552	45

MARANA, ARIZONA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
P12	1.39	1.22	4.27	1.38	1.10	4.68	2.94	9.2	483	33
P14	1.37	1.20	4.07	1.37	1.13	4.88	3.16	8.8	501	24
CB 58	1.40	1.17	4.07	1.38	1.07	4.41	2.80	8.7	488	36
PIMA S-2	1.36	1.17	4.19	1.35	1.08	4.51	2.90	8.4	489	24
P13	1.36	1.19	3.98	1.38	1.13	4.87	3.24	8.5	503	31
1043	1.35	1.18	3.98	1.34	1.05	4.64	3.01	9.4	503	31
PIMA S-1	1.36	1.14	3.88	1.36	1.08	4.53	2.90	8.7	501	37
1044	1.44	1.21	3.94	1.40	1.10	4.53	2.93	9.1	509	43
1048A	1.43	1.22	4.05	1.43	1.17	4.68	2.86	8.1	490	32

SAFFORD, ARIZONA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	T0	T1	E1	A	D
P12	1.33	1.12	3.57	1.29	1.01	4.20	2.70	9.1	538	50
1043	1.35	1.14	3.44	1.29	1.02	4.25	2.64	9.4	553	48
CB 58	1.38	1.10	3.19	1.32	1.01	4.03	2.50	9.1	560	54
PIMA S-2	1.31	1.09	3.67	1.25	.97	4.25	2.67	8.2	525	37
1044	1.34	1.07	3.26	1.31	1.00	4.20	2.63	8.7	573	44
P14	1.35	1.13	3.53	1.31	1.04	4.56	3.03	9.3	540	47
1048A	1.41	1.14	3.55	1.35	1.01	4.41	2.75	7.8	544	43
P13	1.32	1.09	3.20	1.27	.96	4.48	2.93	8.6	569	54
PIMA S-1	1.36	1.11	3.13	1.30	1.01	4.35	2.74	9.0	605	44

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

PEORIA, ARIZONA

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO PER LB	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
P12	682	A	3.61	126	39.3	12.2	0.68	1.38	172
P14	645	AB	3.45	132	35.3	12.7	.67	1.34	182
1043	642	AB	3.17	143	34.5	12.2	.66	1.33	161
PIMA S-2	612	ABC	3.25	140	35.7	12.3	.64	1.36	170
CB 58	564	BCD	3.33	137	32.8	12.6	.63	1.39	164
P13	550	CD	3.42	133	36.3	13.0	.65	1.36	177
1044	546	CD	3.07	148	31.3	12.7	.67	1.44	177
PIMA S-1	506	D	3.57	128	32.6	13.1	.65	1.34	161
1048A	473	D	2.79	163	30.9	13.3	.66	1.40	173

UNIVERSITY PARK, NEW MEXICO

1043	954	A	3.77	121	36.5	12.2	0.64	1.31	161
P12	875	A	4.09	111	39.8	12.6	.64	1.34	175
PIMA S-2	792	B	3.65	124	37.3	11.8	.61	1.33	170
1044	779	B	3.82	119	35.2	12.5	.65	1.40	169
P14	756	B	3.55	128	36.2	12.4	.64	1.37	180
CB 58	753	B	3.58	127	35.1	12.1	.62	1.40	167
1048A	722	B	3.53	129	34.1	13.2	.69	1.51	177
P13	705	BC	3.68	124	37.9	12.3	.64	1.36	183
PIMA S-1	634	C	3.76	121	34.6	12.4	.62	1.34	170

LA MESA, NEW MEXICO

1043	922	A	3.71	123	37.6	12.1	0.66	1.39	166
P12	761	B	4.25	107	40.0	12.3	.63	1.35	168
1044	724	BC	3.96	115	35.3	12.3	.64	1.42	167
P13	680	BC	3.75	122	38.6	11.7	.64	1.37	176
1048A	631	BC	3.55	128	34.9	12.5	.67	1.48	176
P14	628	BC	3.71	123	37.5	11.8	.65	1.36	181
CB 58	628	BC	3.85	118	35.4	12.1	.62	1.39	163
PIMA S-1	607	C	3.98	115	34.9	12.4	.63	1.36	173
PIMA S-2	602	C	3.73	122	38.0	11.7	.61	1.31	166

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

PEORIA, ARIZONA

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
P12	1.35	1.16	4.17	1.33	1.02	4.34	2.85	8.8	491	28
P14	1.35	1.18	4.02	1.31	1.05	4.66	3.03	7.8	496	24
1043	1.30	1.12	3.91	1.29	.99	4.33	2.80	8.8	505	35
PIMA S-2	1.34	1.18	3.98	1.31	1.00	4.49	2.84	7.7	491	25
CB 58	1.36	1.14	4.09	1.34	.99	4.36	2.79	7.9	498	35
P13	1.34	1.16	3.96	1.34	1.03	4.72	3.11	8.2	496	32
1044	1.42	1.21	3.56	1.35	.99	4.55	2.91	8.4	531	42
PIMA S-1	1.30	1.12	4.00	1.30	1.01	4.30	2.72	8.5	508	32
1048A	1.37	1.19	4.07	1.34	1.02	4.53	2.80	7.3	492	23

UNIVERSITY PARK, NEW MEXICO

1043	1.32	1.14	4.05	1.35	1.12	4.15	2.60	10.2	509	47
P12	1.36	1.17	3.98	1.36	1.13	4.46	2.80	9.8	506	39
PIMA S-2	1.33	1.12	3.63	1.33	1.07	4.55	2.70	9.1	534	38
1044	1.38	1.18	3.75	1.38	1.12	4.31	2.65	9.6	519	41
P14	1.35	1.17	3.67	1.37	1.14	4.66	3.08	9.3	526	44
CB 58	1.39	1.17	3.59	1.38	1.09	4.34	2.62	9.2	532	46
1048A	1.50	1.29	3.87	1.47	1.18	4.66	2.95	7.9	526	42
P13	1.32	1.13	3.52	1.32	1.05	4.75	3.02	9.0	533	50
PIMA S-1	1.36	1.17	3.53	1.33	1.08	4.24	2.58	9.8	551	43

LA MESA, NEW MEXICO

1043	1.32	1.13	3.84	1.36	1.13	4.40	2.63	9.6	511	43
P12	1.34	1.11	3.79	1.34	1.10	4.37	2.66	9.4	525	47
1044	1.37	1.13	3.64	1.39	1.13	4.41	2.70	9.6	532	44
P13	1.33	1.16	3.36	1.37	1.15	4.69	2.92	9.0	545	45
1048A	1.46	1.26	3.62	1.45	1.19	4.66	2.85	8.5	512	40
P14	1.34	1.15	3.57	1.35	1.12	4.54	2.84	9.4	553	45
CB 58	1.39	1.13	3.41	1.37	1.10	4.33	2.60	9.8	550	49
PIMA S-1	1.34	1.14	3.52	1.36	1.12	4.36	2.70	9.7	562	51
PIMA S-2	1.31	1.10	3.84	1.31	1.06	4.44	2.69	9.0	514	35

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

YSLETA, TEXAS

VARIETY	YIELD LBS. LINT PER ACRE		BOLL SIZE GRAMS PER BOLL	BOLL SIZE NO. PER LB.	LINT PER CENT	SEED INDEX	SPAN LENGTH 50 PER CENT	SPAN LENGTH 2.5 PER CENT	22'S
1043	1006	A	3.74	122	35.9	12.6	0.68	1.39	169
P14	968	AB	3.66	124	36.2	12.6	.67	1.41	187
P12	920	ABC	4.00	114	39.6	12.8	.64	1.38	166
P13	911	ABC	3.76	121	37.7	12.5	.63	1.34	186
PIMA S-2	909	ABC	3.68	124	37.1	11.9	.64	1.33	171
CB 58	858	BC	3.55	128	34.8	12.2	.61	1.46	152
1048A	849	BC	3.32	137	34.2	12.8	.71	1.48	174
1044	811	C	3.71	123	35.0	12.5	.64	1.43	173
PIMA S-1	642	D	3.62	126	34.3	12.4	.67	1.41	184

FABENS, TEXAS

P12	689	A	3.81	120	37.2	12.7	0.66	1.37	163
PIMA S-2	687	A	3.28	139	36.4	12.2	.63	1.30	168
1043	673	A	3.15	145	35.2	12.8	.64	1.33	183
P14	641	A	3.42	133	35.1	12.8	.65	1.44	178
CB 58	632	A	3.20	142	34.1	12.3	.64	1.45	161
1048A	628	A	3.12	146	32.9	13.3	.68	1.44	179
1044	606	A	3.47	131	33.3	12.9	.68	1.44	177
P13	524	B	3.20	142	36.5	12.3	.61	1.31	182
PIMA S-1	504	B	3.19	143	32.9	12.6	.65	1.41	178

TORNILLO, TEXAS

P14	633	A	3.60	127	36.5	12.0	0.63	1.34	182
PIMA S-2	610	A	3.61	126	38.0	11.5	.65	1.37	161
CB 58	609	A	3.43	133	35.9	11.5	.65	1.43	159
1044	586	AB	3.74	122	36.5	11.7	.64	1.43	163
1043	569	ABC	3.56	128	37.3	11.9	.67	1.36	177
P12	559	ABC	3.95	115	38.7	12.3	.65	1.34	166
1048A	494	BCD	3.31	137	34.6	12.6	.71	1.51	181
P13	476	CD	3.58	127	38.1	12.1	.64	1.37	172
PIMA S-1	429	D	3.61	126	35.2	11.9	.68	1.40	182

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
SUMMARY OF DATA

YSLETA, TEXAS

VARIETY	GINNED LINT UHM	GINNED LINT MEAN	MICRO-NAIRE	DRAWING SLIVER UHM	DRAWING SLIVER MEAN	TO	T1	E1	A	D
1043	1.32	1.12	3.96	1.35	1.08	4.26	2.70	10.1	501	45
P14	1.34	1.08	3.53	1.33	1.02	4.61	3.08	9.0	545	43
P12	1.35	1.13	3.86	1.34	1.01	4.26	2.75	9.9	510	36
P13	1.35	1.13	3.61	1.32	.98	4.54	3.01	9.1	527	42
PIMA S-2	1.29	1.10	3.77	1.28	1.01	4.37	2.75	8.9	522	37
CB 58	1.41	1.13	3.65	1.34	1.01	4.13	2.50	8.9	540	47
1048A	1.47	1.23	4.06	1.44	1.11	4.57	2.87	7.5	498	34
1044	1.39	1.14	3.49	1.34	.99	4.30	2.65	9.2	541	45
PIMA S-1	1.39	1.18	3.55	1.34	1.03	4.37	2.79	9.5	540	49

FABENS, TEXAS

P12	1.35	1.14	3.93	1.31	0.99	4.27	2.69	9.9	502	27
PIMA S-2	1.35	1.16	4.14	1.33	1.05	4.47	2.73	9.0	495	23
1043	1.35	1.17	3.98	1.32	1.02	4.30	2.75	10.0	498	31
P14	1.38	1.18	3.79	1.37	1.04	4.54	2.96	8.8	499	27
CB 58	1.43	1.18	3.76	1.36	1.01	4.31	2.66	9.3	521	33
1048A	1.42	1.23	3.97	1.37	1.03	4.58	2.93	8.2	496	25
1044	1.41	1.20	3.66	1.35	.99	4.35	2.81	9.7	520	31
P13	1.32	1.14	3.91	1.29	.96	4.53	2.96	9.0	508	28
PIMA S-1	1.35	1.13	3.68	1.37	1.09	4.28	2.77	9.7	540	31

TORNILLO, TEXAS

P14	1.34	1.15	3.62	1.30	0.99	4.73	2.96	8.7	525	29
PIMA S-2	1.31	1.08	3.99	1.27	.94	4.42	2.74	8.5	489	26
CB 58	1.38	1.14	3.64	1.33	.96	4.27	2.65	8.8	513	34
1044	1.38	1.16	3.64	1.31	.98	4.26	2.77	8.7	511	31
1043	1.32	1.16	4.09	1.31	1.01	4.33	2.72	9.4	487	28
P12	1.34	1.15	3.93	1.30	.98	4.23	2.74	9.2	499	26
1048A	1.41	1.21	3.92	1.41	1.07	4.53	3.07	7.2	502	30
P13	1.34	1.13	3.82	1.29	.94	4.64	2.96	8.7	504	37
PIMA S-1	1.34	1.16	3.54	1.31	.97	4.45	2.89	8.9	527	35

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	Tempe, Arizona								
	Pima S-1	Pima S-2	CB-58	E1043	E1044	1048A	P-12	P-13	P-14
FIBER TESTS									
Raw Cotton									
Classer's designation									
Grade	3AE	3AE	5AE	3AE	4AE	4AE	3AE	4AE	3AE
Staple	1-1/2	1-3/8	1-7/16	1-3/8	1-7/16	1-1/2	1-7/16	1-7/16	1-7/16
Fibrograph (inches)									
Upper half mean	1.38	1.38	1.41	1.38	1.39	1.47	1.32	1.37	1.39
Mean	1.13	1.17	1.08	1.17	1.43	1.20	1.14	1.19	1.12
Micronaire	2.96	3.52	3.30	3.34	3.08	3.33	3.45	3.17	3.31
Comber Drawing Sliver									
Fibrograph (inches)									
Upper half mean	1.35	1.35	1.40	1.34	1.39	1.43	1.35	1.35	1.37
Mean	1.10	1.14	1.16	1.12	1.17	1.16	1.13	1.10	1.13
Stelometer									
Tenacity (grams/grex)									
T_0	4.35	4.35	4.37	4.38	4.32	4.56	4.38	4.58	4.52
T_1	2.78	2.66	2.63	2.69	2.76	2.83	2.68	2.77	3.03
E_1	9.4	8.9	8.8	9.2	8.8	8.0	9.3	9.2	9.6
Arealometer									
A	572	519	544	542	553	520	526	556	548
D	66	54	56	56	61	50	48	57	53
SPINNING TESTS									
Skein strength (pounds)									
36's combed	119	109	109	115	121	126	112	122	121
60's combed	64	58	57	60	63	67	60	65	66
Yarn appearance index									
Combed yarns	120	120	110	130	120	120	120	130	130
Neps									
Carded 4½ lbs/hr	6	4	5	2	4	7	4	3	6
Waste (percent)									
Picker and card	7.7	7.1	9.4	7.1	7.8	8.6	7.0	7.2	7.7
Comber	12.0	12.7	13.7	9.8	12.5	12.2	11.5	10.8	12.3

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
Summary of Data

Combed Yarn Tests

Fiber and Yarn Tests	El Paso, Texas								
	Pima S-1	Pima S-2	CB-58	E1043	E1044	1048A	P-12	P-13	P-14
FIBER TESTS									
Raw Cotton									
Classer's designation									
Grade	4AE	4AE	5AE	4AE	5AE	5AE	4AE	5AE	4AE
Staple	1-1/2	1-7/16	1-1/2	1-7/16	1-7/16	1-1/2	1-7/16	1-7/16	1-7/16
Fibrograph (inches)									
Upper half mean	1.43	1.32	1.42	1.35	1.39	1.53	1.37	1.39	1.33
Mean	1.26	1.14	1.15	1.20	1.13	1.25	1.19	1.15	1.13
Micronaire	3.46	3.69	3.58	3.81	3.59	3.81	3.71	3.59	3.63
Comber Drawing Sliver									
Fibrograph (inches)									
Upper half mean	1.41	1.35	1.41	1.38	1.39	1.50	1.37	1.37	1.37
Mean	1.18	1.12	1.18	1.20	1.15	1.25	1.15	1.15	1.16
Stelometer									
Tenacity (grams/grex)									
T_0	4.34	4.36	4.05	3.96	4.19	4.58	4.21	4.48	4.52
T_1	2.71	2.74	2.55	2.60	2.62	2.88	2.61	2.98	3.04
E_1	9.9	9.1	9.0	10.7	9.0	7.8	9.3	8.9	8.8
Arealometer									
A	537	509	515	490	521	491	502	506	518
D	54	46	42	39	41	36	36	38	37
SPINNING TESTS									
Skein strength (pounds)									
36's combed	108	104	100	98	108	113	104	111	112
60's combed	58	54	53	51	57	61	54	59	59
Yarn appearance index									
Combed yarns	120	130	120	125	120	115	125	130	125
Neps									
Carded 4½ lbs/hr	5	2	6	2	6	4	4	4	7
Waste (percent)									
Picker and card	9.2	8.2	10.5	8.1	9.9	11.0	8.4	7.6	9.3
Comber	10.9	11.8	12.3	10.5	11.7	11.1	11.4	10.6	11.3

1963 EXTRA-LONG STAPLE REGIONAL COTTON VARIETY TEST
Summary of Data

Fiber and Yarn Tests	Combed Yarn Tests Safford, Arizona (Curtis Farm) Pima S-1	Pima S-2	CB-58	E1043	E1044	1048A	P-12	P-13	P-14
FIBER TESTS									
Raw Cotton									
Classer's designation									
Grade	5AE	3AE	6AE	4AE	5AE	4AE	4AE	4AE	4AE
Staple	1-7/16	1-3/8	1-1/2	1-7/16	1-7/16	1-1/2	1-3/8	1-7/16	1-7/16
Fibrograph (inches)									
Upper half mean	1.40	1.38	1.39	1.37	1.39	1.47	1.39	1.39	1.39
Mean	1.18	1.17	1.13	1.20	1.12	1.24	1.21	1.15	1.13
Micronaire	3.41	3.70	3.61	3.85	3.43	3.64	3.90	3.34	3.24
Comber Drawing Sliver									
Fibrograph (inches)									
Upper half mean	1.42	1.39	1.44	1.37	1.43	1.50	1.40	1.39	1.40
Mean	1.22	1.20	1.19	1.17	1.19	1.31	1.19	1.19	1.20
Stelometer									
Tenacity (grams/grex)									
T_0	4.59	4.60	4.55	4.61	4.63	4.96	4.60	4.95	4.82
T_1	3.12	2.93	2.77	2.82	3.05	3.16	2.94	3.45	3.21
E_1	9.2	9.0	8.5	10.0	8.8	7.1	9.6	8.7	8.8
Arealometer									
A	548	517	539	499	520	505	506	525	537
D	49	39	42	51	56	43	54	55	54
SPINNING TESTS									
Skein strength (pounds)									
36's combed	109	104	105	107	109	113	105	112	113
60's combed	59	55	56	57	58	61	55	60	60
Yarn appearance index									
Combed yarns	120	130	120	125	115	115	125	125	120
Neps									
Carded 4½ lbs/hr	4	4	4	4	8	8	5	3	5
Waste (percent)									
Picker and card	9.2	8.3	10.5	7.8	9.5	9.0	7.9	8.7	8.3
Comber	12.0	12.8	14.2	10.9	12.2	12.2	12.4	12.6	11.8

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(As of January 1964)

E. V. Smith, Dean, School of Agriculture, and Director, Agricultural Experiment Station, Auburn University, Auburn, Ala. (Chairman).
J. Ritchie Smith, Assistant Director, Production and Marketing Division, National Cotton Council, Memphis, Tenn. (Secretary).
Robert R. Coker, President, Coker's Pedigreed Seed Co., Hartsville, S.C.
Early C. Ewing, Jr., Vice President, Delta and Pine Land Co., Scott, Miss.
Harold D. Loden, Division Manager, Paymaster Farms, Anderson, Clayton and Co., Plainview, Tex.
R. L. Lovvorn, Director, North Carolina Agricultural Experiment Station, Raleigh, N.C.
W. L. Giles, Vice President for Forestry and Agriculture, Mississippi State University, State College, Miss.
H. D. Barker, Chief, Cotton and Cordage Fibers Research Branch, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md. (retired).
H. A. Rodenhiser, Deputy Administrator, Agricultural Research Service, U.S. Department of Agriculture, Washington, D. C.

National Cotton Variety Testing Committee
(As of January 1964)

T. R. Richmond, Department of Soil and Crop Sciences, Texas Agricultural Experiment Station, College Station, Tex. (Chairman).
J. B. Dick, Delta Branch Experiment Station, Stoneville, Miss.
W. D. Fisher, Cotton Research Center, Route 2, Box 815-B, Tempe, Ariz.
C. V. Feaster, Cotton Research Center, Route 2, Box 815-C, Tempe, Ariz.
H. D. Loden, Paymaster Farms, Anderson, Clayton and Co., Plainview, Tex.
C. W. Manning, Stoneville Pedigreed Seed Co., Stoneville, Miss.
J. W. Neeley, Coker's Pedigreed Seed Co., Hartsville, S.C.
G. A. Niles, Department of Soil and Crop Sciences, Texas Agricultural Experiment Station, College Station, Tex.
L. L. Ray, Texas Agricultural Experiment Station, Substation No. 8, Lubbock, Tex.
A. L. Smith, Department of Agronomy, Auburn University, Auburn, Ala. (deceased).
Thomas Kerr, Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md.
C. F. Lewis; Crops Research Division, Agricultural Research Service, U.S. Department of Agriculture, Beltsville, Md.
E. C. Ewing, Jr., Delta and Pine Land Co., Scott, Miss.

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